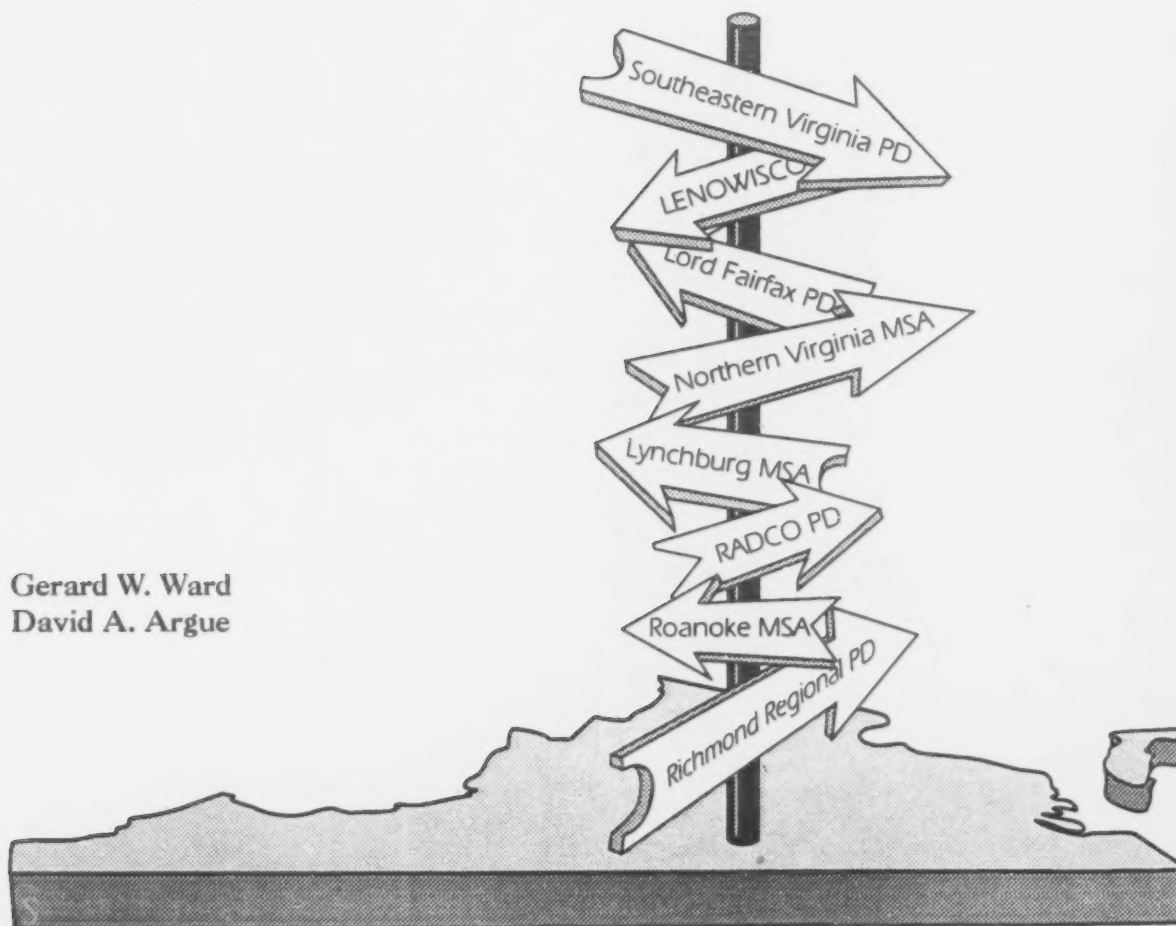


===== VIRGINIA'S LOCAL ECONOMIES =====

Statistical Compendium

November 1990 Edition

Gerard W. Ward
David A. Argue



Center for Public Service ★ University of Virginia

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University of Virginia

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Foreword

This publication is part of the Center for Public Service's series, *Virginia's Local Economies*. In this series, we describe and analyze population, employment, income, and other economic and demographic variables for the major regions of the state. The complete series contains thirty separate studies, profiling each of the state's twenty-two planning districts (PDs) and its eight Metropolitan Statistical Areas (MSAs). This compendium brings together in one place standardized and up-to-date versions of the tables presented in the original studies. For example, twelve tables are updated for the Thomas Jefferson Planning District (Charlottesville area), the first area covered when publication began in September 1989. In addition, data are included on the Hampton Roads Planning District which grew out of the merger of the Southeastern and Peninsula planning districts in 1990.

This new series developed from a 1981 publication, *Economic Trends in Substate Regions of Virginia, 1973-78: An Analysis of the State's Planning Districts*, written by John L. Knapp and published by the former Tayloe Murphy Institute (a predecessor of the Center for Public Service). The earlier study, which was limited to planning districts, covered all of them in one publication. This new series of thirty separate reports expands the regional economic profiles, allowing them to be more detailed and more timely. It also makes the information available at a reasonable price for users who are interested in only a few selected areas.

The data in this compendium came from numerous sources; they are documented in the source citations for tables. Some tables from the earlier studies have been dropped while those added later in the series have been retained. Like tables from each area study are combined here on one table to facilitate comparison among areas and localities. To the extent possible, the most recent data were used.

Section A contains fifteen tables incorporating data for the state of Virginia and the twenty-two planning districts. Section B contains the same tables for the state's eight MSAs. Two appendix tables contain preliminary census counts for the localities. The reader is cautioned that the census counts represent partial and preliminary results for the 1990 decennial census and are likely to change pending completion of the Postcensus Local Review Program and other census enumeration and coverage improvement activities.

The compendium was designed by Gerard W. Ward and David A. Argue. Since the compendium represents the capstone of the work on local economies, it is appropriate to acknowledge the many people associated with the development and production of the entire series.

John L. Knapp, research director of the Center's Business and Economics Section, conceived the series and managed the project with the assistance of David A. Argue. Argue was also the principal author of a number of the studies. Other principal authors were David E. Chesser, Andrew J. Holliday, Marios Karayannis, Eric R. Olsen, and Harold L. York.

George E. Barnes, an editor and research assistant at the Center, wrote the background sections. Mark V. Brown, a former research assistant, worked on early drafts and helped to develop systems for data retrieval. Sandra H. Wiley, director of the Center's Publications and Civic Education Section, served as editor for the series and coordinated the production process. Jayne E. Finkelstein, graphics artist, designed the cover, and Barry A. Jackson, graphics artist, handled computer graphics and layout.

The Center would also like to thank several other individuals and their organizations for their assistance, although we remain responsible for the contents of this report. Evelyn Glazier of the Virginia Department of Economic Development gave useful suggestions regarding the format and content of the series.

The Center for Public Service provided the primary financing for this project, with additional support from the Center for Innovative Technology and the Virginia Department of Economic Development. We thank these two agencies for their assistance.

My colleagues and I at the Center for Public Service hope that those who use this new series will let us know how it might be improved.

Carl W. Stenberg
Director, Center for Public Service
University of Virginia

Charlottesville
November 1990

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Section A — Planning District Tables

TABLE A.1
Population in the Planning Districts, 1980-2000

Location	Year			Percent Change 1980-1988	Average Annual Growth Rates		Population Density Per Sq. Mi. 1988
	1980	1988	2000		1980- 1988	1988- 2000	
U.S. (000s)	226,546	246,113	267,747	8.6%	1.0%	0.7%	69.5
Virginia	5,346,818	6,015,100	7,023,300	12.5	1.5	1.3	151.5
1. LENOWISCO	99,644	97,900	97,600	-1.8	-0.2	0.0	70.7
Lee County	25,956	25,500	25,400	-1.8	-0.2	0.0	58.4
Norton City	4,757	4,400	4,500	-7.5	-1.0	0.2	610.3
Scott County	25,068	25,100	24,700	0.1	0.0	-0.1	46.8
Wise County	43,863	42,900	43,000	-2.2	-0.3	0.0	106.0
2. Cumberland Plateau	140,067	132,500	128,400	-5.4	-0.7	-0.3	72.2
Buchanan County	37,989	34,200	34,000	-10.0	-1.3	0.0	67.9
Dickenson County	19,806	18,900	18,400	-4.6	-0.6	-0.2	57.1
Russell County	31,761	31,100	30,000	-2.1	-0.3	-0.3	64.9
Tazewell County	50,511	48,300	46,000	-4.4	-0.6	-0.4	92.9
3. Mount Rogers	181,139	179,900	185,500	-0.7	-0.1	0.3	64.7
Bland County	6,349	6,400	6,700	0.8	0.1	0.4	17.8
Bristol City	19,042	17,700	17,200	-7.0	-0.9	-0.2	1,475.0
Carroll County	27,270	27,500	28,200	0.8	0.1	0.2	57.5
Galax City	6,524	6,900	7,400	5.8	0.7	0.6	862.5
Grayson County	16,579	16,200	16,400	-2.3	-0.3	0.1	36.3
Smyth County	33,366	32,500	33,800	-2.6	-0.3	0.3	71.9
Washington County	46,487	47,000	48,800	1.1	0.1	0.3	83.5
Wythe County	25,522	25,600	27,000	0.3	0.0	0.4	55.2
4. New River Valley	141,343	143,400	154,800	1.5	0.2	0.6	98.4
Floyd County	11,563	12,000	12,600	3.8	0.5	0.4	31.5
Giles County	17,810	17,100	16,800	-4.0	-0.5	-0.1	47.2
Montgomery County	63,285	67,000	74,000	5.9	0.7	0.8	172.8
Pulaski County	35,229	34,000	34,600	-3.5	-0.4	0.1	106.9
Radford City	13,456	13,400	16,800	-0.4	-0.1	1.9	1,442.4

TABLE A.1 (continued)
Population in the Planning Districts, 1980-2000

Location	Year			Percent Change 1980-1988	Average Annual Growth Rates		Population Density Per Sq. Mi. 1988
	1980	1988	2000		1980- 1988	1988- 2000	
5. Fifth	252,783	253,500	261,300	0.3%	0.0%	0.3%	155.0
Alleghany County	14,333	13,300	13,000	1.1	-0.9	1.0	23.8
Botetourt County	23,270	25,300	28,000	8.7	1.1	0.8	46.4
Clifton Forge City	5,046	4,900	4,900	7.0	-0.4	0.9	49.7
Covington City	9,063	7,400	6,900	-18.3	-2.5	-0.6	1,850.0
Craig County	3,948	4,100	4,500	3.9	0.5	0.8	12.4
Roanoke City	100,220	98,600	99,000	-1.6	-0.2	0.0	2,293.0
Roanoke County	72,945	75,500	80,000	3.5	0.4	0.5	300.8
Salem City	23,958	24,200	25,000	1.0	0.1	0.3	1,728.6
6. Central							
Shenandoah	208,344	216,700	232,200	4.0	0.5	0.6	63.0
Augusta County	47,572	51,600	54,800	8.5	1.0	0.5	53.1
Bath County	5,860	5,000	5,200	-14.7	-2.0	0.3	9.3
Buena Vista City	6,904	6,400	6,100	-7.3	-0.9	-0.4	965.3
Harrisonburg City	24,655	27,600	32,100	11.9	1.4	1.3	1,564.6
Highland County	2,937	2,600	2,500	-11.5	-1.5	-0.3	6.3
Lexington City	7,292	6,900	7,200	-5.4	-0.7	0.4	3,450.0
Rockbridge County	17,724	17,900	18,500	1.0	0.1	0.3	29.9
Rockingham County	52,054	56,100	61,800	7.8	0.9	0.8	65.7
Staunton City	24,777	24,100	25,000	-2.7	-0.3	0.3	1,261.8
Waynesboro City	18,563	18,300	19,000	-1.4	-0.2	0.3	1,286.0
7. Lord Fairfax	132,492	148,500	176,600	12.1	1.4	1.5	90.3
Clarke County	9,965	10,800	12,800	8.4	1.0	1.4	60.7
Frederick County	34,150	39,900	51,000	16.8	2.0	2.1	96.1
Page County	19,401	20,600	22,900	6.2	0.8	0.9	65.8
Shenandoah County	27,559	29,600	33,700	7.4	0.9	1.1	57.8
Warren County	21,200	25,100	31,000	18.4	2.1	1.8	115.7
Winchester City	20,217	22,400	25,200	10.8	1.3	1.0	2,488.9
8. Northern Virginia	1,105,714	1,356,700	1,491,900	22.7	2.6	0.8	1,034.1
Alexandria City	103,217	107,600	113,400	4.2	0.5	0.4	7,173.3
Arlington County	152,599	159,000	160,200	4.2	0.5	0.1	6,115.4
Fairfax City	20,537	20,100	21,500	-2.1	-0.3	0.6	3,221.2
Fairfax County	595,754	759,300	810,000	27.5	3.1	0.5	1,933.2
Falls Church City	9,515	10,100	9,900	6.1	0.7	-0.2	5,050.0
Loudoun County	57,427	75,200	94,000	30.9	3.4	1.9	144.3
Manassas City	15,505	23,300	27,200	50.3	5.2	1.3	2,912.5
Manassas Park City	6,524	7,300	7,700	11.9	1.4	0.4	3,650.0
Prince William County	144,636	194,700	248,000	34.6	3.8	2.0	574.3
9. Rappahannock- Rapidan	92,897	110,300	143,300	18.7	2.2	2.2	56.2
Culpeper County	22,620	25,800	33,000	14.1	1.7	2.1	67.5
Fauquier County	35,889	46,100	65,000	28.5	3.2	2.9	70.8
Madison County	10,232	11,000	12,200	7.5	0.9	0.9	34.2

TABLE A.1 (continued)
Population in the Planning Districts, 1980-2000

Location	Year			Percent Change 1980-1988	Average Annual Growth Rates		Population Density Per Sq. Mi. 1988
	1980	1988	2000		1980- 1988	1988- 2000	
Orange County	18,063	20,900	25,800	15.7%	1.8%	1.8%	61.1
Rappahannock County	6,093	6,400	7,300	5.0	0.6	1.1	24.0
10. Thomas Jefferson	143,597	159,000	181,700	10.7	1.3	1.1	73.8
Albemarle County	55,783	63,200	75,700	18.4	1.6	1.8	115.7
Charlottesville City	39,916	42,100	44,200	5.5	0.7	0.4	4,210.0
Fluvanna County	10,244	12,100	14,700	18.1	2.1	1.6	41.7
Greene County	7,625	9,100	11,100	19.3	2.2	1.7	58.0
Louisa County	17,825	19,800	22,600	11.1	1.3	1.1	39.8
Nelson County	12,204	12,600	13,400	3.2	0.4	0.5	26.5
11. Central Virginia	194,178	205,700	222,900	5.9	0.7	0.7	96.9
Amherst County	29,122	28,900	29,900	-0.8	-0.1	0.3	60.5
Appomattox County	11,971	12,400	13,700	3.6	0.4	0.8	36.9
Bedford City	5,991	6,100	6,600	1.8	0.2	0.7	871.4
Bedford County	34,927	41,500	50,900	18.8	2.2	1.7	55.6
Campbell County	45,424	46,900	48,800	3.2	0.4	0.3	92.9
Lynchburg City	66,743	69,900	73,000	4.7	0.6	0.4	1,426.5
12. West Piedmont	240,979	243,400	252,600	1.0	0.1	0.3	94.7
Danville City	56,305	53,700	52,000	-4.6	-0.6	-0.3	1,206.7
Franklin County	35,740	40,900	48,800	14.4	1.7	1.5	59.9
Henry County	57,654	58,100	60,600	0.8	0.1	0.4	152.1
Martinsville City	18,149	18,000	18,000	-0.8	-0.1	0.0	1,636.4
Patrick County	17,647	17,400	17,200	-1.4	-0.2	-0.1	36.2
Pittsylvania County	55,484	55,400	56,000	-0.2	0.0	0.1	55.7
13. Southside	82,768	82,100	82,700	-0.8	-0.1	0.1	41.1
Brunswick County	15,632	16,000	16,600	2.4	0.3	0.3	28.4
Halifax County	30,599	29,400	28,900	-3.9	-0.5	-0.1	36.0
Mecklenburg County	29,444	29,700	30,200	0.9	0.1	0.1	48.2
South Boston City	7,093	7,000	7,000	-1.3	-0.2	0.0	1,400.0
14. Piedmont	83,549	85,600	90,900	2.5	0.3	0.5	30.4
Amelia County	8,405	8,500	9,600	1.1	0.1	1.0	23.8
Buckingham County	11,751	12,600	13,700	7.2	0.9	0.7	21.6
Charlotte County	12,266	11,800	11,500	-3.8	-0.5	-0.2	24.8
Cumberland County	7,881	8,100	8,800	2.8	0.3	0.7	27.0
Lunenburg County	12,124	12,100	12,500	-0.2	0.0	0.3	28.0
Nottoway County	14,666	14,900	15,300	1.6	0.2	0.2	47.0
Prince Edward County	16,456	17,600	19,500	7.0	0.8	0.9	49.7

TABLE A.1 (continued)
Population in the Planning Districts, 1980-2000

Location	Year			Percent Change 1980-1988	Average Annual Growth Rates		Population Density Per Sq. Mi. 1988
	1980	1988	2000		1980- 1988	1988- 2000	
15. Richmond Regional	632,015	711,000	820,400	12.5%	1.5%	1.2%	325.7
Charles City County	6,692	6,600	7,300	-1.4	-0.2	0.8	35.9
Chesterfield County	141,372	187,100	254,900	32.3	3.6	2.6	412.7
Goochland County	11,761	13,500	15,400	14.8	1.7	1.1	46.3
Hanover County	50,398	59,000	69,600	17.1	2.0	1.4	120.5
Henrico County	180,735	205,200	228,000	13.5	1.6	0.9	839.9
New Kent County	8,781	11,100	13,600	26.4	3.0	1.7	50.2
Powhatan County	13,062	14,000	18,900	7.2	0.9	2.5	51.7
Richmond City	219,214	214,500	212,700	-2.2	-0.3	-0.1	3,610.0
16. RADCO	118,674	153,200	217,300	29.1	3.2	3.0	109.7
Caroline County	17,904	19,300	21,600	7.8	0.9	0.9	36.0
Fredericksburg City	17,762	21,500	27,000	21.0	2.4	1.9	2,067.3
King George County	10,543	12,500	15,100	18.6	2.2	1.6	69.4
Spotsylvania County	31,995	44,000	70,000	37.5	4.1	3.9	110.1
Stafford County	40,470	55,900	83,600	38.1	4.1	3.4	206.3
17. Northern Neck	40,950	43,800	48,400	7.0	0.8	0.8	59.3
Lancaster County	10,129	11,000	12,500	8.6	1.0	1.1	82.7
Northumberland County	9,828	10,300	11,000	4.8	0.6	0.5	55.7
Richmond County	6,952	7,400	8,500	6.4	0.8	1.2	38.3
Westmoreland County	14,041	15,000	16,400	6.8	0.8	0.7	66.1
18. Middle Peninsula	59,987	74,000	97,700	23.4	2.7	2.3	56.7
Essex County	8,864	9,000	9,400	1.5	0.2	0.4	34.2
Gloucester County	20,107	30,600	48,300	52.2	5.4	3.9	136.0
King and Queen County	5,968	6,300	6,900	5.6	0.7	0.8	19.9
King William County	9,334	10,600	12,400	13.6	1.6	1.3	38.1
Mathews County	7,995	8,800	10,200	10.1	1.2	1.2	101.1
Middlesex County	7,719	8,700	10,500	12.7	1.5	1.6	64.9
19. Crater	161,959	162,800	170,700	0.5	0.1	0.4	86.2
Colonial Heights City	16,509	17,500	18,600	6.0	0.7	0.5	2,187.5
Dinwiddie County	22,602	21,100	22,100	-6.6	-0.9	0.4	41.6
Emporia City	5,910	5,800	6,300	-1.9	-0.2	0.7	2,900.0
Greensville County	9,833	9,200	11,500	-6.4	-0.8	1.9	30.7
Hopewell City	23,397	24,200	24,600	3.4	0.4	0.1	2,420.0
Petersburg City	41,055	41,100	41,600	0.1	0.0	0.1	1,787.0
Prince George County	25,733	27,100	28,900	5.3	0.6	0.5	101.9
Surry County	6,046	6,500	7,100	7.5	0.9	0.7	23.1
Sussex County	10,874	10,300	10,000	-5.3	-0.7	-0.2	20.9

TABLE A.1 (continued)
Population in the Planning Districts, 1980-2000

Location	Year			Percent Change 1980-1988	Average Annual Growth Rates		Population Density Per Sq. Mi. 1988
	1980	1988	2000		1980- 1988	1988- 2000	
20. Southeastern Virginia	843,504	1,016,800	1,218,100	20.5%	2.4%	1.5%	504.9
Chesapeake City	114,486	147,100	188,000	28.5	3.2	2.1	432.6
Franklin City	7,723	7,500	7,700	-2.9	-0.4	0.2	949.4
Isle of Wight County	21,603	25,500	33,000	18.0	2.1	2.2	79.9
Norfolk City	266,979	290,900	290,100	9.0	1.1	0.0	5,488.7
Portsmouth City	104,577	110,500	118,600	5.7	0.7	0.6	3,683.3
Southampton County	18,316	18,100	18,500	-1.2	-0.1	0.2	30.2
Suffolk City	47,621	52,800	62,100	10.9	1.3	1.4	129.1
Virginia Beach City	262,199	364,300	500,000	38.9	4.2	2.7	1,423.0
21. Peninsula	344,342	391,800	462,100	13.8	1.6	1.4	969.8
Hampton City	122,617	129,700	143,000	5.8	0.7	0.2	610.3
James City County	22,339	32,800	49,500	46.8	4.9	3.5	220.0
Newport News City	144,903	162,800	184,000	12.4	1.5	1.0	2,504.6
Poquoson City	8,726	11,000	16,300	26.1	2.9	3.3	647.1
Williamsburg City	10,294	12,400	15,300	20.5	2.4	1.8	1,396.4
York County	35,463	43,000	54,000	21.3	2.4	1.9	380.5
22. Accomack- Northhampton	45,893	46,500	47,700	1.3	0.2	0.2	66.2
Accomack County	31,268	32,200	33,600	3.0	0.4	0.4	67.6
Northampton County	14,625	14,200	14,100	-2.9	-0.4	-0.1	62.8
23. Hampton Roads	1,187,846	1,408,600	1,680,200	18.6	2.2	1.5	582.5
Chesapeake City	114,486	147,100	188,000	28.5	3.2	2.1	432.6
Franklin City	7,723	7,500	7,700	-2.9	-0.4	0.2	949.4
Hampton City	122,617	129,700	143,000	5.8	0.7	0.2	610.3
Isle of Wight County	21,603	25,500	33,000	18.0	2.1	2.2	79.9
James City County	22,339	32,800	49,500	46.8	4.9	3.5	220.0
Newport News City	144,903	162,800	184,000	12.4	1.5	1.0	2,504.6
Norfolk City	266,979	290,900	290,100	9.0	1.1	0.0	5,488.7
Poquoson City	8,726	11,000	16,300	26.1	2.9	3.3	647.1
Portsmouth City	104,577	110,500	118,600	5.7	0.7	0.6	3,683.3
Southampton County	18,316	18,100	18,600	-1.2	-0.1	0.2	30.2
Suffolk City	47,621	52,800	62,100	10.9	1.3	1.4	129.1
Virginia Beach City	262,199	364,300	500,000	38.9	4.2	2.7	1,423.0

TABLE A.1 (continued)
Population in the Planning Districts, 1980-2000

Location	Year			Percent Change 1980-1988	Average Annual Growth Rates		Population Density Per Sq. Mi. 1988
	1980	1988	2000		1980- 1988	1988- 2000	
Williamsburg City	10,294	12,400	15,300	20.5%	2.4%	1.8%	1,396.4
York County	35,463	43,000	54,000	21.3	2.4	1.9	380.5

Notes: Average annual growth rates are based on compound annual growth using initial and terminal points only. Due to rounding, individual locality figures may not sum to the total for the planning district. All data reflect current boundaries.

Sources: Julia H. Martin, *Estimates of the Population of Virginia Counties and Cities, 1987 and 1988* (Charlottesville, Virginia: Center for Public Service, University of Virginia, 1989), done in cooperation with the U.S. Bureau of the Census; Virginia Employment Commission *Virginia Population Projections 2000* (Richmond, 1990); and U.S. Bureau of the Census, *Statistical Abstract of the United States: 1989* (Washington, D.C.: GPO, 1989).

TABLE A.2
Housing Units Authorized by Permits in the Planning Districts, 1980-1988

	1980	1981	1982	1983	1984	1985	1986	1987	1988
Virginia	45,821	37,572	38,411	63,133	69,180	73,437	84,044	68,842	69,997
1. LENOWISCO	404	383	265	288	376	402	270	254	279
Lee County	152	52	80	93	84	119	70	81	73
Norton City	17	9	2	2	39	4	8	0	5
Scott County	134	72	53	74	78	141	70	76	104
Wise County	101	250	130	119	175	138	122	97	97
2. Cumberland Plateau	487	376	347	444	313	288	302	240	269
Buchanan County	81	103	96	73	77	69	55	39	34
Dickenson County	74	55	56	75	43	38	22	27	51
Russell County	136	84	80	128	60	81	73	69	56
Tazewell County	196	134	115	168	133	100	152	105	128
3. Mount Rogers	1,084	782	540	607	855	911	886	778	884
Bland County	41	28	18	21	26	41	25	28	33
Bristol City	222	57	18	42	212	60	78	50	39
Carroll County	194	127	92	88	111	113	100	105	122
Galax City	31	21	89	19	28	20	35	18	53
Grayson County	155	51	34	53	81	81	112	78	124
Smyth County	79	195	47	65	80	58	77	98	95
Washington County	243	197	177	206	224	295	333	287	296
Wythe County	119	126	65	113	93	243	126	114	122
4. New River Valley	882	885	737	625	669	653	823	1,300	1,208
Floyd County	56	47	34	60	51	60	121	55	74
Giles County	56	48	66	80	44	25	40	47	41
Montgomery County	540	617	404	309	199	261	317	884	748
Pulaski County	218	93	161	99	92	189	178	124	149
Radford City	12	80	72	77	283	118	167	190	196

TABLE A.2 (continued)
Housing Units Authorized by Permits in the Planning Districts, 1980-1988

	1980	1981	1982	1983	1984	1985	1986	1987	1988
5. Fifth	1,181	625	554	1,084	1,221	1,410	1,475	1,441	1,042
Alleghany County	66	0	35	53	45	48	54	36	29
Botetourt County	119	114	64	127	170	180	99	230	200
Clifton Forge City	0	0	2	1	0	0	1	2	3
Covington City	5	1	1	4	4	0	3	8	2
Craig County	0	0	0	0	14	37	45	20	25
Roanoke City	506	53	136	152	139	290	406	437	219
Roanoke County	398	403	274	616	697	762	740	618	482
Salem City	87	54	42	131	152	93	127	90	82
6. Central Shenandoah	1,288	736	841	992	1,106	1,288	1,695	1,727	1,898
Augusta County	213	179	309	265	378	280	378	448	474
Bath County	20	25	16	21	24	28	51	25	20
Buena Vista City	72	1	63	4	3	51	11	1	17
Harrisonburg City	340	105	71	185	248	300	502	422	537
Highland County	11	11	20	19	22	14	12	16	18
Lexington City	6	4	3	8	1	12	4	0	17
Rockbridge County	78	63	45	83	111	77	99	94	150
Rockingham County	395	268	260	223	221	343	475	575	451
Staunton City	130	28	21	53	45	136	79	82	134
Waynesboro City	23	52	33	131	53	47	84	64	80
7. Lord Fairfax	804	905	478	1,033	980	1,405	1,764	2,065	2,281
Clarke County	38	45	33	57	47	60	115	126	127
Frederick County	239	171	158	227	428	617	556	761	758
Page County	89	83	51	142	60	81	134	156	149
Shenandoah County	210	428	145	275	197	270	368	519	557
Warren County	145	99	57	202	160	168	264	313	409
Winchester City	83	79	34	130	88	209	327	190	281
8. Northern Virginia	9,927	8,594	8,228	17,011	18,344	17,485	21,767	23,784	21,721
Alexandria City	530	311	231	333	368	53	178	1,495	499
Arlington County	568	586	396	1,055	292	878	1,341	910	2,218
Fairfax City	13	7	19	16	44	69	45	153	67
Fairfax County	6,788	5,737	5,118	11,786	13,108	11,150	11,170	13,247	11,138
Falls Church City	28	8	2	3	1	10	12	3	16

TABLE A.2 (continued)
Housing Units Authorized by Permits in the Planning Districts, 1980-1988

	1980	1981	1982	1983	1984	1985	1986	1987	1988
Loudoun County	342	390	711	1,175	1,373	1,883	2,218	2,089	2,737
Manassas City	214	83	178	62	137	521	1,439	747	718
Manassas Park City	9	0	37	16	57	98	60	55	0
Prince William County	1,435	1,472	1,536	2,565	2,964	2,823	5,304	5,085	4,328
9. Rapahannock-Rapidan	759	576	542	992	989	1,355	1,714	1,233	2,197
Culpeper County	182	117	64	171	146	246	420	453	862
Fauquier County	370	268	290	537	593	806	922	356	851
Madison County	39	47	43	63	53	52	86	94	122
Orange County	115	107	90	165	168	197	218	243	282
Rappahannock County	53	37	55	56	29	54	68	87	80
10. Thomas Jefferson	759	576	542	992	989	1,355	1,714	1,233	2,197
Culpeper County	182	117	64	171	146	246	420	453	862
Fauquier County	370	268	290	537	593	806	922	356	851
Madison County	39	47	43	63	53	52	86	94	122
Orange County	115	107	90	165	168	197	218	243	282
Rappahannock County	53	37	55	56	29	54	68	87	80
11. Central Virginia	1,437	867	713	1,067	1,054	1,089	972	1,307	1,162
Amherst County	162	140	86	138	182	178	193	129	131
Appomattox County	38	22	48	45	29	41	48	36	45
Bedford City	20	13	7	18	13	62	18	31	22
Bedford County	442	260	172	385	297	0	282	584	475
Campbell County	313	322	189	240	282	474	215	244	294
Lynchburg City	462	110	211	241	251	334	216	283	195
12. West Piedmont	992	904	600	963	1,201	1,050	1,122	1,115	1,101
Danville City	124	207	15	61	78	69	28	40	50
Franklin County	228	192	269	335	507	366	363	387	406
Henry County	196	134	76	160	192	271	260	239	216
Martinsville City	65	74	7	26	28	30	52	52	54
Patrick County	90	89	50	82	120	67	88	72	74
Pittsylvania County	289	208	183	299	276	247	331	325	301

TABLE A.2 (continued)
Housing Units Authorized by Permits in the Planning Districts, 1980-1988

	1980	1981	1982	1983	1984	1985	1986	1987	1988
13. Southside	376	380	272	292	283	242	281	250	268
Brunswick County	55	111	42	39	45	36	46	40	48
Halifax County	119	93	75	107	124	7	69	79	90
Mecklenburg County	116	170	73	119	92	137	158	118	117
South Boston City	86	6	82	27	22	62	8	13	13
14. Piedmont	336	263	265	228	200	293	282	304	347
Amelia County	38	25	19	32	25	36	36	60	63
Buckingham County	41	43	85	49	38	44	69	42	54
Charlotte County	35	24	21	31	44	54	56	61	47
Cumberland County	43	26	26	30	32	43	26	30	33
Lunenburg County	35	21	25	0	0	32	17	18	19
Nottoway County	107	42	55	23	30	35	28	39	26
Prince Edward County	37	82	34	63	31	49	50	54	105
15. Richmond Regional	6,766	4,289	3,344	7,298	8,896	8,817	9,880	9,045	9,900
Charles City County	33	7	15	28	10	22	30	40	41
Chesterfield County	3,138	2,012	1,616	3,336	3,609	4,130	4,105	3,938	3,397
Goochland County	67	63	63	113	118	168	180	196	209
Hanover County	425	230	266	467	669	923	1,357	1,115	1,275
Henrico County	1,921	1,453	943	2,802	3,695	2,964	3,187	2,653	4,273
New Kent County	80	67	62	103	120	120	189	209	185
Powhatan County	100	68	55	101	121	135	222	197	237
Richmond City	1,002	389	324	348	554	355	610	697	283
16. RADCO	1,117	876	938	968	1,213	2,265	2,814	3,397	4,156
Caroline County	164	101	109	97	113	103	143	213	243
Fredericksburg City	3	28	9	39	121	165	315	28	122
King George County	61	53	69	57	73	125	192	185	152
Spotsylvania County	410	338	347	637	767	1,164	1,319	1,838	1,529
Stafford County	479	356	404	138	139	708	845	1,133	2,110
17. Northern Neck	273	208	313	425	320	336	481	514	539
Lancaster County	92	67	83	176	225	111	107	153	187
Northumberland County	99	84	74	100	0	117	203	176	182

TABLE A.2 (continued)
Housing Units Authorized by Permits in the Planning Districts, 1980-1988

	1980	1981	1982	1983	1984	1985	1986	1987	1988
Richmond County	30	17	15	27	17	32	28	41	25
Westmoreland County	52	40	141	122	78	76	143	144	145
18. Middle Peninsula	485	396	402	883	789	683	940	869	730
Essex County	38	22	28	70	30	40	60	37	46
Gloucester County	241	244	245	609	548	511	570	448	317
King and Queen County	19	16	11	19	25	19	22	0	24
King William County	78	35	37	60	70	65	121	118	130
Mathews County	45	37	23	33	51	48	79	117	103
Middlesex County	64	42	58	92	65	0	88	149	110
19. Crater	909	531	523	540	614	634	955	705	769
Colonial Heights City	96	49	70	58	93	66	96	80	66
Dinwiddie County	86	75	54	115	79	86	121	139	253
Emporia City	70	10	4	1	3	47	5	7	15
Greensville County	27	10	12	24	17	13	15	17	15
Hopewell City	126	31	122	33	74	128	258	51	79
Petersburg City	191	133	79	15	71	22	183	152	39
Prince George County	260	132	146	198	215	203	216	192	180
Surry County	26	28	27	32	46	44	50	44	45
Sussex County	27	63	9	64	16	25	11	23	77
20. Southeastern Virginia	4,867	4,797	7,275	12,824	12,704	13,942	15,872	9,570	8,878
Chesapeake City	473	421	736	1,981	2,256	2,795	2,968	2,860	2,083
Franklin City	13	80	8	32	17	58	53	59	34
Isle of Wight County	143	67	67	213	183	192	293	169	320
Norfolk City	683	587	899	1,147	1,413	1,633	1,644	1,786	1,082
Portsmouth City	203	241	279	410	503	456	973	623	247
Southampton County	51	95	24	41	43	123	69	64	100
Suffolk City	299	63	239	365	628	393	533	548	474
Virginia Beach City	3,002	3,243	5,023	8,635	7,661	8,292	9,339	3,461	4,538
21. Peninsula	1,390	1,116	1,627	2,950	5,280	6,869	6,938	4,422	4,790
Hampton City	332	255	334	804	1,058	2,001	1,945	921	1,435
James City County	303	252	195	517	693	922	1,336	1,090	1,000
Newport News City	414	343	707	1,189	3,040	2,752	2,454	1,677	1,555

TABLE A.2 (continued)
Housing Units Authorized by Permits in the Planning Districts, 1980-1988

	1980	1981	1982	1983	1984	1985	1986	1987	1988
Poquoson City	70	55	87	118	106	294	99	57	63
Williamsburg City	16	7	76	65	94	108	84	66	41
York County	255	204	228	257	289	792	1,020	611	696
22. Accomack-Northampton	267	91	143	206	280	210	338	317	410
Accomack County	237	76	127	145	154	173	280	263	334
Northampton County	30	15	16	61	126	37	58	54	76
23. Hampton Roads	6,257	5,913	8,902	15,774	17,984	20,811	22,810	13,992	13,668
Chesapeake City	473	421	736	1,981	2,256	2,795	2,968	2,860	2,083
Franklin City	13	80	8	32	17	58	53	59	34
Hampton City	332	255	334	804	1,058	2,001	1,945	921	1,435
Isle of Wight County	143	67	67	213	183	192	293	169	320
James City County	303	252	195	517	693	922	1,336	1,090	1,000
Newport News City	414	343	707	1,189	3,040	2,752	2,454	1,677	1,555
Norfolk City	683	587	899	1,147	1,413	1,633	1,644	1,786	1,082
Poquoson City	70	55	87	118	106	294	99	57	63
Portsmouth City	203	241	279	410	503	456	973	623	247
Southampton County	51	95	24	41	43	123	69	64	100
Suffolk City	299	63	239	365	628	393	533	548	474
Virginia Beach City	3,002	3,243	5,023	8,635	7,661	8,292	9,339	3,461	4,538
Williamsburg City	16	7	76	65	94	108	84	66	41
York County	255	204	228	257	289	792	1,020	611	696

Source: Michael A. Spar and Julia H. Martin, *Housing Units Authorized in Virginia's Counties and Cities* (Charlottesville, Virginia: Center for Public Service, University of Virginia, annual editions 1980-1988).

TABLE A.3
Employment in the Planning Districts, 1980-1988

	1980	1981	1982	1983	1984	1985	1986	1987	1988	Average Annual Growth Rate 1980-1988
U.S. (000s)	112,257	113,313	112,565	114,147	119,485	123,176	125,592	128,826	132,503	2.3%
Virginia (000s)	2,747	2,777	2,797	2,869	3,025	3,174	3,303	3,445	3,545	3.6
1. LENOWISCO	33,913	33,966	34,928	34,318	34,940	34,901	34,436	35,361	35,913	0.6
Lee County	7,362	7,346	7,500	7,398	7,357	7,339	7,337	7,372	7,578	0.1
Scott County	6,381	6,680	6,890	7,081	7,205	7,295	7,022	7,230	7,183	1.3
Wise/Norton	20,170	19,940	20,538	19,839	20,378	20,267	20,077	20,759	21,152	0.5
2. Cumberland Plateau	49,332	50,204	49,739	44,985	46,892	47,445	47,420	46,578	46,996	-0.8
Buchanan County	15,528	15,838	15,679	12,986	14,230	14,185	13,816	13,708	13,671	-1.8
Dickenson County	5,857	6,065	5,975	5,732	5,775	5,573	5,872	5,519	5,368	-1.2
Russell County	9,675	9,660	9,455	9,418	9,677	9,978	9,742	9,642	9,590	0.1
Tazewell County	18,272	18,641	18,630	16,849	17,210	17,709	17,990	17,709	18,367	-0.3
3. Mount Rogers	81,132	81,444	79,261	80,666	84,070	85,399	87,210	89,239	91,316	1.7
Bland County	1,872	1,927	1,975	2,001	2,061	2,191	2,148	2,188	2,269	2.4
Carroll/Galax	16,273	16,338	15,749	15,905	16,474	16,575	16,809	17,519	18,244	1.4
Grayson County	5,739	5,783	5,712	6,012	5,880	5,538	5,130	5,081	4,930	-2.1
Smyth County	14,933	14,921	14,130	14,398	14,872	15,101	15,427	15,568	16,014	1.1
Washington/Bristol	31,455	31,323	31,199	31,730	33,553	34,494	35,591	36,404	37,386	2.5
Wythe County	10,860	11,152	10,496	10,620	11,230	11,500	12,105	12,479	12,473	2.1
4. New River Valley	63,812	62,724	62,580	63,958	68,013	70,234	71,034	73,312	75,618	2.5
Floyd County	3,730	3,762	3,787	3,956	4,076	4,134	4,292	4,383	4,272	2.2
Giles County	7,238	7,109	6,932	7,106	7,328	7,486	7,593	7,673	7,744	1.2
Montgomery/Radford	37,961	36,922	37,438	37,823	40,032	41,231	42,554	44,858	46,799	3.0
Pulaski County	14,883	14,931	14,423	15,073	16,577	17,383	16,595	16,398	16,803	2.0

TABLE A.3 (continued)
Employment in the Planning Districts, 1980-1988

	1980	1981	1982	1983	1984	1985	1986	1987	1988	Average Annual Growth Rate 1980-1988
5. Fifth	137,382	135,504	135,294	136,677	143,638	151,533	155,058	159,263	160,424	2.5%
Alleghany/Clifton Forge/ Covington	12,279	11,600	11,116	11,118	11,511	11,996	11,662	11,997	12,181	0.4
Botetourt County	6,062	6,291	6,099	6,182	6,562	6,982	6,953	7,231	7,436	2.7
Craig County	909	932	932	963	953	1,015	1,031	1,058	1,051	2.0
Roanoke City	73,662	72,432	73,404	74,678	77,956	82,402	84,616	86,268	86,647	2.6
Roanoke County/Salem	44,470	44,249	43,743	43,736	46,656	49,138	50,796	52,709	53,109	2.8
6. Central Shenandoah	106,065	104,251	105,150	107,306	111,506	113,155	116,207	120,327	124,441	2.2
Augusta/Staunton/Waynesboro	46,478	46,552	45,327	44,683	46,686	47,289	48,090	50,428	52,372	1.5
Bath County	4,269	3,238	4,196	5,137	4,743	3,802	3,229	3,083	3,073	-3.7
Highland County	1,223	1,182	1,094	1,123	1,191	1,199	1,189	1,204	1,218	0.5
Rockbridge/ Buena Vista/Lexington	13,303	13,123	13,273	13,611	13,554	13,936	14,308	14,533	14,699	1.5
Rockingham/Harrisonburg	40,792	40,156	41,260	42,752	45,332	46,929	49,391	51,079	53,079	3.8
7. Lord Fairfax	64,209	63,795	63,283	64,715	67,850	70,072	73,594	77,747	80,070	3.1
Clarke County	5,168	5,266	5,577	5,642	5,811	5,827	5,779	5,695	5,842	1.4
Frederick/Winchester	29,950	29,945	29,688	30,342	31,628	33,364	35,576	38,072	39,579	3.9
Page County	7,267	6,990	6,948	7,128	7,235	7,230	7,565	7,880	7,982	1.5
Shenandoah County	12,843	12,900	12,815	13,094	14,151	14,469	15,204	16,137	16,422	3.6
Warren County	8,981	8,694	8,255	8,509	9,025	9,182	9,470	9,963	10,245	2.2
8. Northern Virginia	608,132	627,366	646,617	682,080	744,198	806,777	864,462	916,003	954,002	6.3
Alexandria City	81,225	81,178	83,040	84,836	90,301	96,929	105,359	112,400	113,900	5.0
Arlington County	153,907	154,697	160,635	168,619	181,436	189,191	196,600	203,357	205,320	4.2
Fairfax County/City/ Falls Church	294,145	309,848	319,240	341,568	378,672	418,053	449,099	476,789	503,122	7.5
Loudoun County	25,136	25,517	26,103	26,629	28,501	31,229	34,605	37,297	41,110	6.6
Prince William/Manassas/ Manassas Park	53,719	56,126	57,599	60,428	65,288	71,375	78,799	86,160	90,550	7.2

TABLE A.3 (continued)
Employment in the Planning Districts, 1980-1988

	1980	1981	1982	1983	1984	1985	1986	1987	1988	Average Annual Growth Rate 1980-1988
9. Rappahannock-Rapidan	38,111	38,592	38,342	39,231	41,223	43,344	45,284	47,388	49,257	3.5%
Culpeper County	11,037	10,954	10,485	10,429	11,205	11,792	12,353	12,795	13,273	2.8
Fauquier County	14,102	14,517	14,850	15,393	16,120	17,344	18,372	19,432	20,562	5.0
Madison County	3,038	3,108	3,204	3,209	3,240	3,389	3,465	3,597	3,705	2.4
Orange County	7,827	7,903	7,667	7,965	8,339	8,536	8,909	9,331	9,470	2.8
Rappahannock County	2,107	2,110	2,136	2,235	2,319	2,283	2,185	2,233	2,247	0.8
10. Thomas Jefferson	75,965	77,273	78,143	79,562	82,489	84,260	88,127	91,874	94,712	2.9
Albemarle/Charlottesville	62,011	62,623	63,403	65,083	67,439	69,183	72,384	75,344	77,639	3.0
Fluvanna County	2,906	2,880	2,819	2,887	2,765	2,658	2,760	2,995	3,135	0.5
Greene County	1,517	1,522	1,506	1,540	1,619	1,678	1,702	1,832	2,065	3.6
Louisa County	5,784	6,510	6,620	6,281	6,549	6,543	7,061	7,385	7,385	2.6
Nelson County	3,747	3,738	3,795	3,771	4,117	4,198	4,220	4,318	4,488	2.5
11. Central Virginia	96,544	95,617	94,332	94,613	98,428	100,430	101,389	104,543	107,463	1.5
Amherst County	10,306	10,045	10,195	10,239	10,474	10,900	11,145	11,573	11,670	2.0
Appomattox County	4,643	4,647	4,478	4,473	4,696	4,870	4,946	4,995	4,945	1.3
Bedford County/City	13,277	12,913	12,900	13,289	13,770	14,480	14,807	15,503	16,344	2.9
Campbell/Lynchburg	68,318	68,012	66,759	66,612	69,488	70,180	70,491	72,472	74,504	1.2
12. West Piedmont	114,738	115,233	112,580	114,979	118,356	119,086	121,549	125,101	125,822	1.3
Franklin County	12,562	12,637	12,389	13,197	13,732	13,974	14,294	14,754	15,590	2.8
Henry/Martinsville	44,169	44,420	43,456	44,482	46,192	46,939	49,396	50,721	48,795	1.9
Patrick County	5,990	6,286	6,131	6,331	6,836	7,091	7,245	7,603	7,763	3.5
Pittsylvania/Danville	52,017	51,890	50,604	50,969	51,596	51,082	50,614	52,023	53,674	0.2
13. Southside	38,549	37,953	36,988	37,750	38,325	38,963	38,998	40,118	41,117	0.9
Brunswick County	6,128	5,878	5,979	6,208	6,359	6,551	6,438	6,384	6,383	1.0
Halifax/South Boston	17,060	16,918	16,264	16,525	16,688	16,809	17,161	17,342	17,725	0.6
Mecklenburg County	15,361	15,157	14,745	15,017	15,278	15,603	15,399	16,392	17,009	1.3

TABLE A.3 (continued)
Employment in the Planning Districts, 1980-1988

	1980	1981	1982	1983	1984	1985	1986	1987	1988	Average Annual Growth Rate 1980-1988
14. Piedmont	33,387	32,953	31,782	33,039	33,860	34,000	34,216	34,736	35,356	0.9%
Amelia County	2,892	2,758	2,708	2,786	2,923	2,997	2,972	3,016	3,163	1.5
Buckingham County	3,097	3,038	3,018	3,397	3,469	3,479	3,498	3,552	3,623	2.4
Charlotte County	4,632	4,499	4,461	4,611	4,793	4,791	4,757	4,971	4,909	1.2
Cumberland County	1,743	1,772	1,717	1,737	1,738	1,753	1,746	1,740	1,781	0.1
Lunenburg County	5,238	5,178	5,011	4,980	5,042	4,946	4,798	4,704	4,918	-1.1
Nottoway County	7,033	7,189	6,379	6,744	7,027	7,016	7,091	7,222	7,500	0.9
Prince Edward County	8,752	8,519	8,488	8,784	8,868	9,018	9,354	9,531	9,462	1.5
15. Richmond Regional	389,095	390,932	392,950	399,566	415,431	435,398	455,688	477,676	494,144	3.3
Charles City County	1,063	970	965	983	981	987	999	1,067	1,104	0.9
Chesterfield County	49,471	53,617	57,137	59,406	61,662	66,159	70,666	75,523	80,656	6.0
Goochland County	3,130	3,175	3,239	3,346	3,450	3,546	3,729	3,959	4,075	3.5
Hanover County	21,841	21,610	22,433	24,134	25,669	26,714	29,782	31,444	32,813	5.9
Henrico County	78,827	81,450	82,021	84,914	91,273	97,307	103,134	109,566	118,639	5.3
New Kent County	2,028	2,039	2,021	2,214	2,422	2,481	2,729	2,792	2,875	5.2
Powhatan County	3,607	3,738	3,631	3,711	3,590	3,523	3,627	3,761	3,958	0.6
Richmond City	229,128	224,333	221,503	220,858	226,384	234,681	241,022	249,564	250,024	1.5
16. RADCO	41,605	42,586	43,143	45,418	48,656	52,388	55,833	59,989	63,194	5.8
Caroline County	4,690	4,558	4,498	4,682	4,713	5,023	5,032	5,295	5,452	2.3
King George County	6,074	6,544	6,574	6,953	7,458	7,897	8,504	8,736	9,042	5.3
Spotsylvania/Fredericksburg	23,550	23,549	23,672	24,930	26,811	28,908	31,243	34,242	35,876	6.0
Stafford County	7,291	7,935	8,399	8,853	9,674	10,560	11,054	11,716	12,824	7.2
17. Northern Neck	16,676	16,503	16,597	16,570	16,914	17,307	17,480	18,143	18,611	1.5
Lancaster County	5,049	5,008	5,122	5,029	5,024	5,270	5,520	5,860	6,041	2.3
Northumberland County	3,353	3,343	3,378	3,411	3,396	3,481	3,361	3,446	3,514	0.5
Richmond County	3,311	3,372	3,371	3,402	3,640	3,645	3,835	3,971	4,170	2.9
Westmoreland County	4,963	4,780	4,726	4,728	4,854	4,911	4,764	4,866	4,886	0.1

TABLE A.3 (continued)
Employment in the Planning Districts, 1980-1988

	1980	1981	1982	1983	1984	1985	1986	1987	1988	Average Annual Growth Rate 1980-1988
18. Middle Peninsula	21,151	21,200	21,179	22,024	23,065	24,034	24,876	25,826	26,205	3.1%
Essex County	4,234	4,193	4,174	4,467	4,662	4,836	5,052	5,265	5,193	3.3
Gloucester County	6,316	6,310	6,428	6,713	7,129	7,560	8,226	8,898	8,988	5.2
King and Queen County	1,229	1,206	1,257	1,338	1,428	1,381	1,348	1,348	1,285	1.1
King William County	3,664	3,646	3,569	3,622	3,947	4,231	4,144	4,214	4,566	3.0
Mathews County	2,222	2,350	2,279	2,399	2,285	2,242	2,275	2,309	2,368	0.2
Middlesex County	3,486	3,495	3,472	3,485	3,614	3,784	3,831	3,792	3,805	1.5
19. Crater	75,733	74,605	70,743	70,266	71,333	73,387	73,381	74,530	75,225	0.1
Dinwiddie/Colonial Heights/Petersburg	34,004	33,718	32,534	31,873	31,960	32,450	32,345	32,810	33,887	-0.1
Greensville/Emporia	7,599	7,452	7,222	7,358	7,517	7,793	7,757	7,758	7,813	0.7
Prince George/Hopewell	27,748	27,112	25,051	24,982	25,606	26,525	26,580	27,331	26,595	0.1
Surry County	3,038	2,974	2,524	2,586	2,867	3,166	3,269	3,040	3,265	1.8
Sussex County	3,344	3,349	3,412	3,467	3,383	3,453	3,430	3,591	3,665	1.0
20. Southeastern Virginia	458,618	466,814	473,925	487,031	511,973	537,644	574,341	598,753	608,522	4.0
Chesapeake City	31,494	32,363	33,759	35,415	38,470	41,790	45,464	48,050	50,130	6.5
Isle of Wight County	11,791	11,481	11,208	11,390	11,667	11,380	11,745	11,889	12,411	0.7
Norfolk City	225,741	228,157	229,069	230,356	238,102	245,270	251,863	261,772	260,198	2.1
Portsmouth City	53,397	53,489	53,832	54,681	56,190	57,792	57,846	59,005	62,763	1.9
Southampton/Franklin	9,901	9,717	9,612	9,490	9,928	10,189	10,290	10,118	10,250	0.8
Suffolk City	19,391	19,056	18,645	18,462	19,040	19,414	18,581	19,283	19,555	0.2
Virginia Beach City	106,903	112,551	117,800	127,237	138,576	151,809	159,971	169,353	173,660	6.8
21. Peninsula	181,069	185,271	188,085	192,753	201,992	211,594	218,572	224,419	231,825	3.3
Hampton City	60,119	61,835	63,829	64,367	67,355	69,468	70,812	72,500	74,406	2.7
James City/Williamsburg	24,676	24,934	25,686	26,332	27,971	30,498	32,262	34,255	36,074	5.3
Newport News City	84,006	86,019	86,397	89,322	92,859	96,784	99,845	100,552	103,761	2.8
York/Poquoson	12,268	12,483	12,173	12,732	13,807	14,844	15,653	17,112	17,584	5.2

TABLE A.3 (continued)
Employment in the Planning Districts, 1980-1988

	1980	1981	1982	1983	1984	1985	1986	1987	1988	Average Annual Growth Rate 1980-1988
22. Accomack-Northampton	22,213	21,815	21,580	21,208	21,705	22,375	22,611	23,670	23,931	1.2%
Accomack County	15,383	15,016	14,902	14,723	15,203	15,823	16,112	17,004	17,269	1.8
Northampton County	6,830	6,799	6,678	6,485	6,502	6,552	6,499	6,666	6,662	-0.3
23. Hampton Roads	639,687	652,085	662,010	679,784	713,965	749,238	792,913	823,172	840,347	3.8
Chesapeake City	31,494	32,363	33,759	35,415	38,470	41,790	45,464	48,050	50,130	6.5
Hampton City	60,119	61,835	63,829	64,367	67,355	69,468	70,812	72,500	74,406	2.7
Isle of Wight County	11,791	11,481	11,208	11,390	11,667	11,380	11,745	11,889	12,411	0.7
James City/Williamsburg	24,676	24,934	25,686	26,332	27,971	30,498	32,262	34,255	36,074	5.3
Newport News City	84,006	86,019	86,397	89,322	92,859	96,784	99,845	100,552	103,761	2.8
Norfolk City	225,741	228,157	229,069	230,356	238,102	245,270	251,863	261,772	260,198	2.1
Portsmouth City	53,397	53,489	53,832	54,681	56,190	57,792	57,846	59,005	62,763	1.9
Southampton/Franklin	9,901	9,717	9,612	9,490	9,928	10,189	10,290	10,118	10,250	0.8
Suffolk City	19,391	19,056	18,645	18,462	19,040	19,414	18,581	19,283	19,555	0.2
Virginia Beach City	106,903	112,551	117,800	127,237	138,576	151,809	159,971	169,353	173,660	6.8
York/Poquoson	12,268	12,483	12,173	12,732	13,807	14,844	15,653	17,112	17,584	5.2

Note: Average annual growth rates are based on the coefficients from the semi-log trend formula.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, unpublished data, Regional Economic Information System, 1990.

TABLE A.4
Employment by Industry in Virginia, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	2,747,431	2,776,601	2,797,221	2,868,715	3,024,857	3,173,726	3,303,185	3,445,313	3,544,609	797,178	29.0	100.0	100.0
By type													
Wage & salary	2,437,272	2,457,483	2,456,280	2,512,463	2,649,723	2,772,157	2,881,716	3,016,460	3,106,866	669,594	27.5	88.7	87.7
Proprietors	310,159	319,118	340,941	356,252	375,134	401,569	421,469	428,853	437,743	127,584	41.1	11.3	12.3
By industry													
Farm	85,421	85,387	86,250	87,681	83,897	80,706	71,426	68,908	69,103	-16,318	-19.1	3.1	1.9
Nonfarm	2,662,010	2,691,214	2,710,971	2,781,034	2,940,960	3,093,020	3,231,759	3,376,405	3,475,506	813,496	30.6	96.9	98.1
Agricultural services, forestry, fishing, other	16,475	17,265	17,489	18,348	20,023	21,363	23,391	25,192	26,623	10,148	61.6	0.6	0.8
Mining	24,987	25,170	24,583	20,117	21,320	20,739	19,419	18,609	18,791	-6,196	-24.8	0.9	0.5
Construction	160,838	149,898	139,527	151,878	175,089	198,088	222,381	238,668	248,265	87,427	54.4	5.9	7.0
Manufacturing	421,286	422,098	405,586	411,357	430,183	432,498	433,673	438,721	438,773	17,487	4.2	15.3	12.4
Transport & pub. utilities	127,057	129,953	131,667	133,754	142,614	148,036	154,067	159,884	164,486	37,429	29.5	4.6	4.6
Wholesale trade	110,098	112,386	112,775	113,621	120,950	121,390	127,094	133,225	137,210	27,112	24.6	4.0	3.9
Retail trade	399,379	407,366	411,299	425,653	454,842	489,542	516,847	543,305	560,745	161,366	40.4	14.5	15.8
Finance, ins, real estate	166,813	168,178	170,476	175,038	189,605	203,501	218,322	229,798	236,303	69,490	41.7	6.1	6.7
Services	560,628	576,699	605,186	638,454	680,304	739,626	785,645	839,953	883,936	323,308	57.7	20.4	24.9
Government	674,449	682,201	692,383	692,314	706,030	718,237	730,920	749,050	760,374	85,925	12.7	24.5	21.5
Federal, civilian	168,053	169,033	172,289	173,572	178,360	179,966	180,127	182,862	183,929	15,876	9.4	6.1	5.2
Military	175,348	188,380	198,066	194,433	199,291	204,964	207,929	212,519	212,839	37,491	21.4	6.4	6.0
State & local	331,048	324,788	322,028	324,809	328,379	333,307	342,864	353,669	363,606	32,558	9.8	12.0	10.3

TABLE A.4
Employment by Industry in the LENOWISCO PD, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	33,913	33,966	34,928	34,318	34,940	34,901	34,436	35,361	35,913	2,000	5.9	100.0	100.0
By type													
Wage & salary	26,203	25,855	26,409	25,462	26,202	26,207	25,917	26,738	27,252	1,049	4.0	77.3	75.9
Proprietors	7,710	8,111	8,519	8,856	8,738	8,694	8,519	8,623	8,661	951	12.3	22.7	24.1
By industry													
Farm	4,400	4,586	4,802	4,930	4,704	4,529	4,108	4,040	3,980	-420	-9.5	13.0	11.1
Nonfarm	29,513	29,380	30,126	29,388	30,236	30,372	30,328	31,321	31,933	2,420	8.2	87.0	88.9
Agricultural services, forestry, fishing, other	99	93	93	93	113	107	134	131	144	45	45.5	0.3	0.4
Mining	5,974	5,846	6,247	5,546	5,769	5,473	4,883	4,825	4,913	-1,061	-17.8	17.6	13.7
Construction	1,511	1,291	1,310	1,204	1,305	1,465	1,377	1,390	1,461	-50	-3.3	4.5	4.1
Manufacturing	2,614	2,695	2,648	2,689	2,634	2,496	2,524	2,928	2,952	338	12.9	7.7	8.2
Transport & pub. utilities	1,738	1,730	1,758	1,823	1,965	1,816	1,833	1,924	2,050	312	18.0	5.1	5.7
Wholesale trade	1,491	1,438	1,393	1,253	1,347	1,323	1,372	1,328	1,240	-251	-16.8	4.4	3.5
Retail trade	5,004	4,821	4,962	5,028	5,290	5,360	5,357	5,608	5,703	699	14.0	14.8	15.9
Finance, ins, real estate	1,005	1,019	1,021	1,028	1,007	1,096	1,090	1,096	1,102	97	9.7	3.0	3.1
Services	4,690	5,076	5,331	5,462	5,503	5,825	6,082	6,289	6,478	1,788	38.1	13.8	18.0
Government	5,387	5,371	5,363	5,262	5,303	5,411	5,676	5,802	5,890	503	9.3	15.9	16.4
Federal, civilian	452	481	451	451	438	443	452	448	455	3	0.7	1.3	1.3
Military	400	468	571	485	529	576	631	635	638	238	59.5	1.2	1.8
State & local	4,535	4,422	4,341	4,326	4,336	4,392	4,593	4,719	4,797	262	5.8	13.4	13.4

TABLE A.4 (continued)
Employment by Industry in the Cumberland Plateau PD, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	49,332	50,204	49,739	44,985	46,892	47,445	47,420	46,578	46,996	-2,336	-4.7	100.0	100.0
By type													
Wage & salary	41,970	42,301	41,568	36,378	38,109	38,573	38,478	37,421	37,694	-4,276	-10.2	85.1	80.2
Proprietors	7,362	7,903	8,171	8,607	8,783	8,872	8,942	9,157	9,302	1,940	26.4	14.9	19.8
By industry													
Farm	2,787	2,878	2,972	3,036	2,903	2,793	2,505	2,442	2,426	-361	-13.0	5.6	5.2
Nonfarm	46,545	47,326	46,767	41,949	43,989	44,652	44,915	44,136	44,570	-1,975	-4.2	94.4	94.8
Agricultural services, forestry, fishing, other	88	92	89	87	105	102	103	106	111	23	26.1	0.2	0.2
Mining	14,898	15,466	14,580	10,964	11,791	11,287	10,628	9,636	9,148	-5,750	-38.6	30.2	19.5
Construction	1,671	1,493	1,569	1,367	1,679	1,887	1,827	1,844	2,042	371	22.2	3.4	4.3
Manufacturing	4,151	4,019	3,692	3,120	3,025	3,226	3,069	2,955	3,158	-993	-23.9	8.4	6.7
Transport & pub. utilities	2,400	2,553	2,606	2,713	2,861	2,855	3,003	3,143	3,316	916	38.2	4.9	7.1
Wholesale trade	1,701	1,683	1,656	1,426	1,525	1,389	1,652	1,666	1,688	-13	-0.8	3.4	3.6
Retail trade	6,041	6,129	6,340	6,272	6,513	6,934	7,267	7,441	7,316	1,275	21.1	12.2	15.6
Finance, ins, real estate	1,364	1,393	1,422	1,382	1,467	1,446	1,455	1,454	1,446	82	6.0	2.8	3.1
Services	6,749	7,442	7,756	7,693	7,905	8,258	8,473	8,517	8,923	2,174	32.2	13.7	19.0
Government	7,477	7,050	7,050	6,918	7,111	7,261	7,430	7,364	7,412	-65	-0.9	15.2	15.8
Federal, civilian	343	332	336	353	349	332	329	332	335	-8	-2.3	0.7	0.7
Military	563	662	801	680	732	787	861	867	872	309	54.9	1.1	1.9
State & local	6,571	6,056	5,913	5,885	6,030	6,142	6,240	6,165	6,205	-366	-5.6	13.3	13.2

TABLE A.4 (continued)
Employment by Industry in the Mount Rogers PD, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	81,132	81,444	79,261	80,666	84,070	85,399	87,210	89,239	91,316	10,184	12.6	100.0	100.0
By type													
Wage & salary	66,101	65,680	63,072	63,646	66,568	67,591	69,506	71,326	73,223	7,122	10.8	81.5	80.2
Proprietors	15,031	15,764	16,189	17,020	17,502	17,808	17,704	17,913	18,093	3,062	20.4	18.5	19.8
By industry													
Farm	9,156	9,255	9,414	9,614	9,191	8,850	7,921	7,723	7,681	-1,475	-16.1	11.3	8.4
Nonfarm	71,976	72,189	69,847	71,052	74,879	76,549	79,289	81,516	83,635	11,659	16.2	88.7	91.6
Agricultural services, forestry, fishing, other	283	327	313	332	391	423	430	494	516	233	82.3	0.3	0.6
Mining	534	374	209	177	196	226	243	207	192	-342	-64.0	0.7	0.2
Construction	3,588	3,354	2,959	2,896	3,407	4,118	4,171	4,132	4,281	693	19.3	4.4	4.7
Manufacturing	25,551	25,933	24,080	24,586	26,097	25,600	25,826	27,133	27,561	2,010	7.9	31.5	30.2
Transport & pub. utilities	2,368	2,408	2,409	2,373	2,400	2,286	2,434	2,504	2,578	210	8.9	2.9	2.8
Wholesale trade	2,541	2,493	2,506	2,571	2,738	2,878	2,988	3,069	3,092	551	21.7	3.1	3.4
Retail trade	11,287	11,115	10,834	10,914	11,471	12,201	13,090	13,171	13,857	2,570	22.8	13.9	15.2
Finance, ins, real estate	2,540	2,608	2,730	2,760	3,022	3,046	3,213	3,348	3,293	753	29.6	3.1	3.6
Services	11,599	12,074	12,391	13,099	13,894	14,655	15,271	16,001	16,613	5,014	43.2	14.3	18.2
Government	11,671	11,490	11,261	11,164	11,248	11,101	11,381	11,418	11,608	-63	-0.5	14.4	12.7
Federal, civilian	796	860	876	878	908	728	748	771	781	-15	-1.9	1.0	0.9
Military	734	855	1,033	877	945	1,021	1,118	1,126	1,131	397	54.1	0.9	1.2
State & local	10,141	9,775	9,352	9,409	9,395	9,352	9,515	9,521	9,696	-445	-4.4	12.5	10.6

TABLE A.4 (continued)
Employment by Industry in the New River Valley PD, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	63,812	62,724	62,580	63,958	68,013	70,234	71,034	73,312	75,618	11,806	18.5	100.0	100.0
By type													
Wage & salary	56,321	54,931	54,299	55,279	58,966	60,776	61,485	63,595	65,730	9,409	16.7	88.3	86.9
Proprietors	7,491	7,793	8,281	8,679	9,047	9,458	9,549	9,717	9,888	2,397	32.0	11.7	13.1
By Industry													
Farm	3,061	3,130	3,223	3,290	3,148	3,029	2,709	2,637	2,625	-436	-14.2	4.8	3.5
Nonfarm	60,751	59,594	59,357	60,668	64,865	67,205	68,325	70,675	72,993	12,242	20.2	95.2	96.5
Agricultural services, forestry, fishing, other	332	429	261	272	291	328	462	444	615	283	85.2	0.5	0.8
Mining	84	76	54	57	66	49	51	62	89	5	6.0	0.1	0.1
Construction	2,776	2,746	1,985	1,853	2,047	2,293	2,689	2,894	3,714	938	33.8	4.4	4.9
Manufacturing	19,307	19,278	18,484	19,163	21,075	21,323	20,413	20,898	21,143	1,836	9.5	30.3	28.0
Transport & pub. utilities	1,859	1,792	1,830	1,909	1,956	1,916	1,624	2,040	2,162	303	16.3	2.9	2.9
Wholesale trade	882	887	867	855	885	850	844	870	981	99	11.2	1.4	1.3
Retail trade	8,734	8,537	8,572	8,738	9,291	10,088	10,494	11,040	11,535	2,801	32.1	13.7	15.3
Finance, ins, real estate	2,336	2,380	2,391	2,334	2,533	2,552	2,634	2,695	2,893	557	23.8	3.7	3.8
Services	9,112	9,028	9,455	10,024	10,602	11,263	10,109	12,005	12,542	3,430	37.6	14.3	16.6
Government	15,324	14,436	14,778	14,781	15,328	15,638	16,295	16,748	17,315	1,991	13.0	24.0	22.9
Federal, civilian	542	528	512	490	497	506	509	522	539	-3	-0.6	0.8	0.7
Military	590	701	839	716	793	851	926	937	941	351	59.5	0.9	1.2
State & local	14,192	13,207	13,427	13,575	14,038	14,281	14,860	15,289	15,835	1,643	11.6	22.2	20.9

TABLE A.4 (continued)
Employment by Industry in the Fifth PD, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	137,382	135,504	135,294	136,677	143,638	151,533	155,058	159,263	160,424	23,042	16.8	100.0	100.0
By type													
Wage & salary	121,609	119,961	118,630	119,713	126,355	133,075	135,935	139,769	140,481	18,872	15.5	88.5	87.6
Proprietors	15,773	15,543	16,664	16,964	17,283	18,458	19,123	19,494	19,943	4,170	26.4	11.5	12.4
By industry													
Farm	1,838	1,851	1,881	1,920	1,833	1,764	1,577	1,532	1,525	-313	-17.0	1.3	1.0
Nonfarm	135,544	133,653	133,413	134,757	141,805	149,769	153,481	157,731	158,899	23,355	17.2	98.7	99.0
Agricultural services, forestry, fishing, other	446	469	484	550	651	727	764	759	825	379	85.0	0.3	0.5
Mining	78	73	169	135	160	159	168	181	173	95	121.8	0.1	0.1
Construction	8,073	7,417	7,043	7,741	8,441	10,047	10,292	11,310	11,360	3,287	40.7	5.9	7.1
Manufacturing	25,509	24,932	23,233	23,535	25,497	25,958	24,771	23,464	23,550	-1,959	-7.7	18.6	14.7
Transport & pub. utilities	9,519	9,343	9,011	8,815	9,178	11,095	10,971	11,029	10,509	990	10.4	6.9	6.6
Wholesale trade	8,438	8,291	8,248	7,868	8,991	8,973	9,686	10,191	10,188	1,750	20.7	6.1	6.4
Retail trade	22,815	22,557	23,823	23,604	23,923	26,397	28,326	30,428	29,956	7,141	31.3	16.6	18.7
Finance, ins, real estate	9,509	9,507	7,465	7,791	8,462	11,346	11,837	12,120	12,146	2,637	27.7	6.9	7.6
Services	30,607	30,906	32,152	33,245	34,997	37,160	38,358	39,884	41,604	10,997	35.9	22.3	25.9
Government	17,936	17,672	17,515	17,340	17,420	17,873	18,267	18,322	18,544	608	3.4	13.1	11.6
Federal, civilian	3,519	3,423	3,474	3,465	3,445	3,491	3,519	3,547	3,559	40	1.1	2.6	2.2
Military	1,199	1,364	1,610	1,392	1,512	1,638	1,768	1,636	1,640	441	36.8	0.9	1.0
State & local	13,218	12,885	12,431	12,483	12,463	12,744	12,980	13,139	13,345	127	1.0	9.6	8.3

TABLE A.4 (continued)
Employment by Industry in the Central Shenandoah PD, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	106,065	104,251	105,150	107,306	111,506	113,155	116,207	120,327	124,441	18,376	17.3	100.0	100.0
By type													
Wage & salary	90,627	88,378	87,956	88,829	91,884	92,802	95,603	99,400	103,145	12,518	13.8	85.4	82.9
Proprietors	15,438	15,873	17,194	18,477	19,622	20,353	20,604	20,927	21,296	5,858	37.9	14.6	17.1
By industry													
Farm	8,438	8,498	8,646	8,770	8,391	8,062	7,093	6,808	6,859	-1,579	-18.7	8.0	5.5
Nonfarm	97,627	95,753	96,504	98,536	103,115	105,093	109,114	113,519	117,582	19,955	20.4	92.0	94.5
Agricultural services, forestry, fishing, other	568	591	611	622	657	709	780	815	515	-53	-9.3	0.5	0.4
Mining	244	238	196	179	188	198	200	229	101	-143	-58.6	0.2	0.1
Construction	6,377	6,255	6,268	7,332	7,279	7,149	8,171	8,364	8,766	2,389	37.5	6.0	7.0
Manufacturing	27,285	25,854	25,480	25,395	26,548	26,404	26,423	28,078	28,541	1,256	4.6	25.7	22.9
Transport & pub. utilities	4,538	4,356	4,303	4,335	4,509	4,567	4,594	4,488	3,872	-666	-14.7	4.3	3.1
Wholesale trade	4,100	4,111	4,136	3,818	3,896	3,636	4,058	3,946	4,574	474	11.6	3.9	3.7
Retail trade	13,928	13,997	14,444	14,785	16,057	16,860	17,428	18,160	18,977	5,049	36.3	13.1	15.2
Finance, ins, real estate	4,100	4,279	4,341	4,154	4,419	4,550	4,620	4,583	4,697	597	14.6	3.9	3.8
Services	19,054	19,600	20,518	21,909	23,304	24,621	24,322	27,458	29,074	10,020	52.6	18.0	23.4
Government	15,431	15,550	15,696	15,357	15,581	15,879	16,602	17,073	17,626	2,195	14.2	14.5	14.2
Federal, civilian	914	882	870	843	906	860	853	831	875	-39	-4.3	0.9	0.7
Military	935	1,058	1,262	1,078	1,170	1,264	1,381	1,383	1,391	456	48.8	0.9	1.1
State & local	13,582	13,610	13,564	13,436	13,505	13,755	14,368	14,859	15,360	1,778	13.1	12.8	12.3

TABLE A.4 (continued)
Employment by Industry in the Lord Fairfax PD, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	64,209	63,795	63,283	64,715	67,850	70,072	73,594	77,747	80,070	15,861	24.7	100.0	100.0
By type													
Wage & salary	54,353	53,556	52,387	53,634	56,311	58,157	60,755	64,686	66,770	12,417	22.8	84.7	83.4
Proprietors	9,856	10,239	10,896	11,081	11,539	11,915	12,839	13,061	13,300	3,444	34.9	15.3	16.6
By industry													
Farm	4,733	4,775	4,879	4,941	4,732	4,552	3,987	3,812	3,850	-883	-18.7	7.4	4.8
Nonfarm	59,476	59,020	58,404	59,774	63,118	65,520	69,607	73,935	76,220	16,744	28.2	92.6	95.2
Agricultural services, forestry, fishing, other	692	655	688	682	715	747	882	998	650	-42	-6.1	1.1	0.8
Mining	164	148	141	138	165	172	175	182	41	-123	-75.0	0.3	0.1
Construction	4,693	3,991	3,656	4,109	4,749	5,033	5,901	6,716	7,310	2,617	55.8	7.3	9.1
Manufacturing	18,008	17,906	16,775	17,019	18,029	17,969	18,828	19,637	19,280	1,272	7.1	28.0	24.1
Transport & pub. utilities	2,296	2,226	2,240	2,383	2,616	2,658	2,729	2,853	2,924	628	27.4	3.6	3.7
Wholesale trade	2,302	2,206	2,321	2,400	2,570	2,897	3,069	3,296	3,533	1,231	53.5	3.6	4.4
Retail trade	9,250	9,236	9,328	9,538	10,137	10,779	11,707	12,817	13,521	4,271	46.2	14.4	16.9
Finance, ins, real estate	2,830	2,834	2,836	2,770	2,958	3,035	3,224	3,361	3,391	561	19.8	4.4	4.2
Services	12,008	12,546	13,195	13,618	14,176	15,064	15,707	16,475	17,097	5,089	42.4	18.7	21.4
Government	7,105	7,129	7,030	6,911	7,001	7,164	7,383	7,598	7,901	796	11.2	11.1	9.9
Federal, civilian	1,072	964	969	948	878	885	846	886	939	-133	-12.4	1.7	1.2
Military	547	630	764	662	717	776	856	857	862	315	57.6	0.9	1.1
State & local	5,486	5,535	5,297	5,301	5,406	5,503	5,681	5,855	6,100	614	11.2	8.5	7.6

TABLE A.4 (continued)
Employment by Industry in the Northern Virginia PD, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	608,132	627,366	646,617	682,080	744,198	806,777	864,462	916,003	954,002	345,870	56.9	100.0	100.0
By type													
Wage & salary	543,419	558,315	570,960	601,514	655,831	706,645	755,454	805,058	840,198	296,779	54.6	89.4	88.1
Proprietors	64,713	69,051	75,657	80,566	88,367	100,132	109,008	110,945	113,804	49,091	75.9	10.6	11.9
By industry													
Farm	2,828	2,814	2,858	2,888	2,770	2,659	2,321	2,212	2,242	-586	-20.7	0.5	0.2
Nonfarm	605,304	624,552	643,759	679,192	741,428	804,118	862,141	913,791	951,760	346,456	57.2	99.5	99.8
Agricultural services, forestry, fishing, other	2,907	3,181	3,375	3,824	4,300	4,743	5,508	5,909	6,407	3,500	120.4	0.5	0.7
Mining	987	986	1,244	1,131	1,249	1,349	1,149	1,168	1,189	202	20.5	0.2	0.1
Construction	39,772	37,776	33,104	38,280	46,490	54,227	62,535	67,731	72,940	33,168	83.4	6.5	7.6
Manufacturing	19,659	21,734	23,582	26,320	30,346	33,563	36,066	36,253	37,054	17,395	88.5	3.2	3.9
Transport & pub. utilities	34,214	35,949	37,541	39,547	44,748	48,643	51,991	55,099	57,171	22,957	67.1	5.6	6.0
Wholesale trade	23,537	25,482	26,118	27,413	30,225	31,647	33,327	34,698	35,864	12,327	52.4	3.9	3.8
Retail trade	95,717	99,497	99,542	104,320	113,229	123,696	134,260	141,001	144,254	48,537	50.7	15.7	15.1
Finance, ins, real estate	50,243	50,773	52,038	54,508	60,915	66,481	73,076	78,023	81,726	31,483	62.7	8.3	8.6
Services	164,350	172,096	184,784	199,912	220,141	246,576	266,410	291,985	310,693	146,343	89.0	27.0	32.6
Government	173,918	177,078	182,431	183,937	189,785	193,193	197,819	201,924	204,462	30,544	17.6	28.6	21.4
Federal, civilian	81,223	81,701	83,993	85,044	87,576	88,430	89,692	91,344	90,968	9,745	12.0	13.4	9.5
Military	39,041	41,096	43,624	42,669	44,193	46,018	46,775	46,251	45,461	6,420	16.4	6.4	4.8
State & local	53,654	54,281	54,814	56,224	58,016	58,745	61,352	64,329	68,033	14,379	26.8	8.8	7.1

TABLE A.4 (continued)
Employment by Industry in the Rappahannock-Rapidan PD, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	38,111	38,592	38,342	39,231	41,223	43,344	45,284	47,388	49,257	11,146	29.2	100.0	100.0
By type													
Wage & salary	30,073	29,999	29,333	29,933	31,678	33,424	34,850	36,810	38,509	8,436	28.1	78.9	78.2
Proprietors	8,038	8,593	9,009	9,298	9,545	9,920	10,434	10,578	10,748	2,710	33.7	21.1	21.8
By industry													
Farm	5,269	5,328	5,445	5,509	5,281	5,080	4,430	4,232	4,289	-980	-18.6	13.8	8.7
Nonfarm	32,842	33,264	32,897	33,722	35,942	38,264	40,854	43,156	44,968	12,126	36.9	86.2	91.3
Agricultural services, forestry, fishing, other	466	487	540	576	665	669	710	781	870	404	86.7	1.2	1.8
Mining	30	25	16	16	16	13	13	14	67	37	123.3	0.1	0.1
Construction	2,920	2,979	2,763	2,985	3,581	3,995	4,646	5,444	5,926	3,006	102.9	7.7	12.0
Manufacturing	5,580	5,714	5,161	5,441	5,744	5,809	5,829	5,839	5,800	220	3.9	14.6	11.8
Transport & pub. utilities	1,296	1,276	1,268	1,229	1,335	1,387	1,440	1,517	1,578	282	21.8	3.4	3.2
Wholesale trade	1,101	1,091	1,074	1,136	1,118	1,141	1,206	1,336	1,450	349	31.7	2.9	2.9
Retail trade	4,478	4,474	4,376	4,554	5,015	5,592	6,136	6,778	7,381	2,903	64.8	11.7	15.0
Finance, ins, real estate	2,155	2,206	2,208	2,187	2,261	2,368	2,502	2,551	2,632	477	22.1	5.7	5.3
Services	8,375	8,359	8,653	8,911	9,325	10,021	10,712	11,108	11,317	2,942	35.1	22.0	23.0
Government	6,437	6,650	6,826	6,677	6,872	7,257	7,649	7,777	7,943	1,506	23.4	16.9	16.1
Federal, civilian	1,017	985	1,050	1,082	1,137	1,257	1,287	1,421	1,435	418	41.1	2.7	2.9
Military	835	1,090	1,142	1,071	1,119	1,259	1,351	1,275	1,295	460	55.1	2.2	2.6
State & local	4,585	4,575	4,634	4,524	4,616	4,741	5,011	5,081	5,213	628	13.7	12.0	10.6

TABLE A.4 (continued)
Employment by Industry in the Thomas Jefferson PD, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	75,965	77,273	78,143	79,562	82,489	84,260	88,127	91,874	94,712	18,747	24.7	100.0	100.0
By type													
Wage & salary	66,706	67,639	67,948	69,022	71,362	72,468	76,133	79,680	82,288	15,582	23.4	87.8	86.9
Proprietors	9,259	9,634	10,195	10,540	11,127	11,792	11,994	12,194	12,424	3,165	34.2	12.2	13.1
By industry													
Farm	3,642	3,713	3,835	3,898	3,734	3,591	3,164	3,047	3,065	-577	-15.8	4.8	3.2
Nonfarm	72,323	73,560	74,308	75,664	78,755	80,669	84,963	88,827	91,647	19,324	26.7	95.2	96.8
Agricultural services, forestry, fishing, other	578	543	583	627	677	750	804	815	816	238	41.2	0.8	0.9
Mining	235	268	223	179	182	184	172	177	197	-38	-16.2	0.3	0.2
Construction	4,547	4,435	4,235	4,361	5,114	5,488	6,013	6,319	6,542	1,995	43.9	6.0	6.9
Manufacturing	11,219	11,599	11,176	10,881	10,669	10,103	10,471	10,702	10,839	-380	-3.4	14.8	11.4
Transport & pub. utilities	2,287	2,295	2,302	2,293	2,654	2,743	2,800	2,889	2,971	684	29.9	3.0	3.1
Wholesale trade	1,875	1,818	1,842	2,019	2,148	2,189	2,274	2,351	2,312	437	23.3	2.5	2.4
Retail trade	10,577	10,378	10,580	10,965	11,662	12,065	12,801	13,882	14,325	3,748	35.4	13.9	15.1
Finance, ins, real estate	4,297	4,363	4,561	4,656	4,906	5,044	5,198	5,559	5,905	1,608	37.4	5.7	6.2
Services	12,782	13,280	13,957	14,836	16,583	17,508	19,545	19,466	20,533	7,751	60.6	16.8	21.7
Government	21,846	22,180	22,332	22,419	22,448	22,767	23,729	24,360	24,872	3,026	13.9	28.8	26.3
Federal, civilian	1,219	1,249	1,279	1,281	1,321	1,338	1,369	1,420	1,449	230	18.9	1.6	1.5
Military	807	872	1,043	950	1,042	1,078	1,158	1,166	1,147	340	42.1	1.1	1.2
State & local	19,820	20,059	20,010	20,188	20,085	20,351	21,202	21,774	22,276	2,456	12.4	26.1	23.5

TABLE A.4 (continued)
Employment by Industry in the Central Virginia PD, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	96,544	95,617	94,332	94,613	98,428	100,430	101,389	104,543	107,463	10,919	11.3	100.0	100.0
By type													
Wage & salary	85,339	84,176	82,382	82,450	86,276	87,854	88,546	91,479	94,182	8,843	10.4	88.4	87.6
Proprietors	11,205	11,441	11,950	12,163	12,152	12,576	12,843	13,064	13,281	2,076	18.5	11.6	12.4
By industry													
Farm	4,100	4,130	4,180	4,279	4,089	3,935	3,533	3,450	3,422	-678	-16.5	4.2	3.2
Nonfarm	92,444	91,487	90,152	90,334	94,339	96,495	97,856	101,093	104,041	11,597	12.5	95.8	96.8
Agricultural services, forestry, fishing, other	338	419	468	470	522	540	598	620	520	182	53.8	0.4	0.5
Mining	118	108	117	122	140	137	130	124	65	-53	-44.9	0.1	0.1
Construction	5,114	4,568	4,346	4,405	4,994	5,411	6,297	6,874	7,329	2,215	43.3	5.3	6.8
Manufacturing	32,727	32,250	30,008	29,919	31,343	30,505	29,467	29,477	28,742	-3,985	-12.2	33.9	26.7
Transport & pub. utilities	3,383	3,494	3,465	3,661	3,835	3,813	3,900	3,888	3,800	417	12.3	3.5	3.5
Wholesale trade	2,993	3,054	2,942	2,980	3,042	3,184	3,332	4,046	3,703	710	23.7	3.1	3.4
Retail trade	12,965	12,903	12,993	13,400	14,146	14,828	15,094	15,625	17,932	4,967	38.3	13.4	16.7
Finance, ins, real estate	4,519	4,502	4,331	4,269	4,489	4,689	4,782	5,145	5,246	727	16.1	4.7	4.9
Services	17,494	17,830	18,799	19,125	19,608	20,704	21,388	22,272	23,237	5,743	32.8	18.1	21.6
Government	12,766	12,331	12,672	11,974	12,212	12,675	12,866	12,986	13,162	396	3.1	13.2	12.2
Federal, civilian	797	784	766	685	683	703	722	745	768	-29	-3.6	0.8	0.7
Military	793	928	1,116	942	1,031	1,131	1,238	1,249	1,257	464	58.5	0.8	1.2
State & local	11,176	10,619	10,790	10,347	10,498	10,841	10,906	10,992	11,137	-39	-0.3	11.6	10.4

TABLE A.4
Employment by Industry in the West Piedmont PD, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	114,738	115,233	112,580	114,979	118,356	119,086	121,549	125,101	125,822	11,084	9.7	100.0	100.0
By type													
Wage & salary	99,377	99,377	96,029	98,210	101,527	101,914	104,115	107,408	107,881	8,504	8.6	86.6	85.7
Proprietors	15,361	15,856	16,551	16,769	16,829	17,172	17,434	17,693	17,941	2,580	16.8	13.4	14.3
By industry													
Farm	6,918	6,946	7,029	7,152	6,835	6,578	5,859	5,670	5,660	-1,258	-18.2	6.0	4.5
Nonfarm	107,820	108,287	105,551	107,827	111,521	112,508	115,690	119,431	120,162	12,342	11.4	94.0	95.5
Agricultural services, forestry, fishing, other	434	446	470	495	506	501	512	619	655	221	50.9	0.4	0.5
Mining	138	126	123	123	122	150	150	153	162	24	17.4	0.1	0.1
Construction	4,562	4,331	4,143	4,359	4,734	4,969	5,471	5,803	6,349	1,787	39.2	4.0	5.0
Manufacturing	50,313	50,773	48,821	50,224	51,452	50,395	52,047	53,468	51,690	1,377	2.7	43.9	41.1
Transport & pub. utilities	3,397	3,313	3,070	3,191	3,316	3,285	3,307	3,340	3,310	-87	-2.6	3.0	2.6
Wholesale trade	2,869	2,823	2,619	2,600	2,764	2,674	2,696	2,960	2,999	130	4.5	2.5	2.4
Retail trade	14,132	14,120	13,795	14,044	15,182	15,919	15,841	16,585	17,570	3,438	24.3	12.3	14.0
Finance, ins, real estate	3,774	3,853	3,854	3,909	4,215	4,300	4,414	4,488	4,406	632	16.7	3.3	3.5
Services	16,871	17,319	17,661	18,049	18,212	19,054	19,842	20,427	21,277	4,406	26.1	14.7	16.9
Government	11,328	11,181	10,993	10,831	11,016	11,259	11,408	11,586	11,742	414	3.7	9.9	9.3
Federal, civilian	577	577	589	568	583	574	587	593	609	32	5.5	0.5	0.5
Military	976	1,132	1,356	1,147	1,250	1,357	1,488	1,497	1,505	529	54.2	0.9	1.2
State & local	9,775	9,472	9,048	9,116	9,183	9,328	9,333	9,496	9,628	-147	-1.5	8.5	7.7

TABLE A.4 (continued)
Employment by Industry in the Southside PD, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	38,549	37,953	36,988	37,750	38,325	38,963	38,998	40,118	41,117	2,568	6.7	100.0	100.0
By type													
Wage & salary	30,698	30,042	29,000	29,568	30,188	30,834	31,088	32,122	33,065	2,367	7.7	79.6	80.4
Proprietors	7,851	7,911	7,988	8,182	8,137	8,129	7,910	7,996	8,052	201	2.6	20.4	19.6
By industry													
Farm	5,611	5,518	5,469	5,554	5,312	5,113	4,530	4,369	4,380	-1,231	-21.9	14.6	10.7
Nonfarm	32,938	32,435	31,519	32,196	33,013	33,850	34,468	35,749	36,737	3,799	11.5	85.4	89.3
Agricultural services, forestry, fishing, other	177	169	168	160	178	324	360	405	410	233	131.6	0.5	1.0
Mining	31	28	27	28	29	29	28	28	27	-4	-12.9	0.1	0.1
Construction	1,771	1,621	1,548	1,555	1,703	1,775	1,778	1,882	2,055	284	16.0	4.6	5.0
Manufacturing	12,321	12,192	11,265	11,320	11,533	11,499	11,672	11,969	12,027	-294	-2.4	32.0	29.3
Transport & pub. utilities	938	926	954	1,012	1,110	1,165	1,173	1,238	1,321	383	40.8	2.4	3.2
Wholesale trade	1,034	1,009	960	999	974	911	892	895	948	-86	-8.3	2.7	2.3
Retail trade	4,806	4,778	4,663	4,800	5,035	5,381	5,483	5,935	6,420	1,614	33.6	12.5	15.6
Finance, ins, real estate	995	951	924	954	999	1,047	1,080	1,152	1,050	55	5.5	2.6	2.6
Services	5,491	5,740	5,910	6,151	6,274	6,488	6,611	6,822	7,003	1,512	27.5	14.2	17.0
Government	5,290	4,938	5,015	5,128	5,073	5,126	5,293	5,313	5,359	69	1.3	13.7	13.0
Federal, civilian	366	360	352	313	320	310	303	290	315	-51	-13.9	0.9	0.8
Military	333	386	463	391	429	468	512	518	520	187	56.2	0.9	1.3
State & local	4,591	4,192	4,200	4,424	4,324	4,348	4,478	4,505	4,524	-67	-1.5	11.9	11.0

TABLE A.4 (continued)
Employment by Industry in the Piedmont PD, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	33,387	32,953	31,782	33,039	33,860	34,000	34,216	34,736	35,356	1,969	5.9	100.0	100.0
By type													
Wage & salary	26,344	25,808	24,381	25,383	26,120	26,282	26,605	27,051	27,616	1,272	4.8	78.9	78.1
Proprietors	7,043	7,145	7,401	7,656	7,740	7,718	7,611	7,685	7,740	697	9.9	21.1	21.9
By industry													
Farm	5,704	5,541	5,444	5,537	5,295	5,098	4,519	4,362	4,375	-1,329	-23.3	17.1	12.4
Nonfarm	27,683	27,412	26,338	27,502	28,565	28,902	29,697	30,374	30,981	3,298	11.9	82.9	87.6
Agricultural services, forestry, fishing, other	167	172	187	195	212	225	237	245	247	80	47.9	0.5	0.7
Mining	24	23	21	21	21	23	19	19	0	-24	-100.0	0.1	0.0
Construction	1,956	1,670	1,551	1,701	1,839	2,046	2,136	2,315	2,337	381	19.5	5.9	6.6
Manufacturing	7,240	6,991	6,337	6,649	6,752	6,184	6,197	6,077	5,999	-1,241	-17.1	21.7	17.0
Transport & pub. utilities	1,214	1,176	1,231	1,214	1,232	1,200	1,222	1,236	1,266	52	4.3	3.6	3.6
Wholesale trade	930	910	857	883	922	863	890	883	933	3	0.3	2.8	2.6
Retail trade	3,951	4,008	3,978	4,108	4,209	4,242	4,491	4,713	4,893	942	23.8	11.8	13.8
Finance, ins. real estate	891	880	881	891	990	996	1,039	1,047	1,031	140	15.7	2.7	2.9
Services	5,626	5,854	5,571	5,929	6,162	6,452	6,716	6,961	7,207	1,581	28.1	16.9	20.4
Government	5,433	5,511	5,519	5,720	6,014	6,435	6,503	6,615	6,746	1,313	24.2	16.3	19.1
Federal, civilian	685	699	678	714	725	725	729	738	792	107	15.6	2.1	2.2
Military	386	434	523	456	490	532	579	583	597	211	54.7	1.2	1.7
State & local	4,362	4,378	4,318	4,550	4,799	5,178	5,195	5,294	5,357	995	22.8	13.1	15.2

TABLE A.4 (continued)
Employment by Industry in the Richmond Regional PD, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	389,095	390,932	392,950	399,566	415,431	435,398	455,688	477,676	494,144	105,049	27.0	100.0	100.0
By type													
Wage & salary	353,835	355,615	354,621	359,121	372,103	388,472	405,956	426,973	442,178	88,343	25.0	90.9	89.5
Proprietors	35,260	35,317	38,329	40,445	43,328	46,926	49,732	50,703	51,966	16,706	47.4	9.1	10.5
By Industry													
Farm	2,840	2,786	2,771	2,821	2,701	2,594	2,299	2,216	2,223	-617	-21.7	0.7	0.4
Nonfarm	386,255	388,146	390,179	396,745	412,730	432,804	453,389	475,460	491,921	105,666	27.4	99.3	99.6
Agricultural services, forestry, fishing, other	1,549	1,652	1,592	1,656	1,826	2,056	2,329	2,292	2,061	512	33.1	0.4	0.4
Mining	557	497	354	399	367	537	645	540	649	92	16.5	0.1	0.1
Construction	24,821	23,524	22,064	22,308	25,325	28,851	31,967	34,710	36,470	11,649	46.9	6.4	7.4
Manufacturing	57,370	57,894	56,521	56,420	57,610	57,839	57,697	57,712	58,921	1,551	2.7	14.7	11.9
Transport & pub. utilities	20,327	20,542	20,816	20,611	21,447	22,268	23,075	24,159	25,440	5,113	25.2	5.2	5.1
Wholesale trade	26,615	27,339	27,185	26,804	27,649	26,282	27,097	28,472	29,018	2,403	9.0	6.8	5.9
Retail trade	60,057	60,370	61,585	64,436	67,618	71,958	75,847	78,700	80,916	20,859	34.7	15.4	16.4
Finance, ins, real estate	36,644	36,880	37,309	37,671	39,818	43,235	46,655	49,039	50,378	13,734	37.5	9.4	10.2
Services	83,323	84,208	87,021	90,411	95,079	103,156	109,899	118,321	124,428	41,105	49.3	21.4	25.2
Government	74,989	75,236	75,410	75,703	75,650	76,463	78,142	81,113	82,831	7,842	10.5	19.3	16.8
Federal, civilian	9,293	9,415	9,583	9,843	10,037	10,471	10,680	11,409	11,933	2,640	28.4	2.4	2.4
Military	3,052	3,444	4,126	3,594	4,030	4,364	4,749	4,788	4,803	1,751	57.4	0.8	1.0
State & local	62,644	62,377	61,701	62,266	61,583	61,628	62,713	64,916	66,095	3,451	5.5	16.1	13.4

TABLE A.4 (continued)
Employment by Industry in the RADCO PD, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	41,605	42,586	43,143	45,418	48,656	52,388	55,833	59,989	63,194	21,589	51.9	100.0	100.0
By type													
Wage & salary	34,873	35,524	35,651	37,470	40,328	43,148	45,756	49,723	52,696	17,823	51.1	83.8	83.4
Proprietors	6,732	7,062	7,492	7,948	8,328	9,240	10,077	10,266	10,498	3,766	55.9	16.2	16.6
By industry													
Farm	1,491	1,513	1,540	1,571	1,501	1,446	1,281	1,240	1,241	-250	-16.8	3.6	2.0
Nonfarm	40,114	41,073	41,603	43,847	47,155	50,942	54,552	58,749	61,953	21,839	54.4	96.4	98.0
Agricultural services, forestry, fishing, other	329	348	329	360	395	394	433	469	246	-83	-25.2	0.8	0.4
Mining	78	77	83	83	93	75	81	100	51	-27	-34.6	0.2	0.1
Construction	3,233	2,996	2,637	3,153	3,421	4,061	5,056	6,228	6,847	3,614	111.8	7.8	10.8
Manufacturing	4,127	3,891	3,570	4,119	4,360	4,460	4,583	4,769	4,530	403	9.8	9.9	7.2
Transport & pub. utilities	1,722	1,731	1,778	1,816	1,877	2,065	2,264	2,421	2,582	860	49.9	4.1	4.1
Wholesale trade	1,296	1,270	1,257	1,260	1,533	1,746	1,807	1,696	2,029	733	56.6	3.1	3.2
Retail trade	8,654	9,197	9,481	9,472	10,448	11,409	12,223	13,495	14,170	5,516	63.7	20.8	22.4
Finance, ins, real estate	2,559	2,531	2,371	2,472	2,639	2,920	3,356	3,440	3,696	1,137	44.4	6.2	5.8
Services	8,446	9,089	9,913	10,814	11,790	12,791	13,320	14,218	15,021	6,575	77.8	20.3	23.8
Government	9,628	9,791	10,042	10,149	10,599	11,012	11,428	11,912	12,465	2,837	29.5	23.1	19.7
Federal, civilian	3,012	3,226	3,435	3,566	3,660	3,713	3,726	3,771	3,924	912	30.3	7.2	6.2
Military	693	755	905	836	935	1,110	1,266	1,292	1,294	601	86.7	1.7	2.0
State & local	5,923	5,810	5,702	5,747	6,004	6,189	6,436	6,849	7,247	1,324	22.4	14.2	11.5

TABLE A.4 (continued)
Employment by Industry in the Northern Neck PD, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	16,676	16,503	16,597	16,570	16,914	17,307	17,480	18,143	18,611	1,935	11.6	100.0	100.0
By type													
Wage & salary	12,989	12,535	12,398	12,318	12,563	12,844	12,951	13,502	13,876	887	6.8	77.9	74.6
Proprietors	3,687	3,968	4,199	4,252	4,351	4,463	4,529	4,641	4,735	1,048	28.4	22.1	25.4
By industry													
Farm	1,394	1,356	1,333	1,352	1,296	1,243	1,091	1,043	1,052	-342	-24.5	8.4	5.7
Nonfarm	15,282	15,147	15,264	15,218	15,618	16,064	16,389	17,100	17,559	2,277	14.9	91.6	94.3
Agricultural services, forestry, fishing, other	900	1,000	1,034	996	1,060	974	913	968	992	92	10.2	5.4	5.3
Mining	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Construction	1,000	897	878	899	1,031	1,149	1,304	1,456	1,605	605	60.5	6.0	8.6
Manufacturing	3,785	3,486	3,318	3,107	2,989	2,958	2,809	2,825	2,739	-1,046	-27.6	22.7	14.7
Transport & pub. utilities	515	516	611	575	595	624	630	710	777	262	50.9	3.1	4.2
Wholesale trade	642	675	665	638	641	665	662	694	694	52	8.1	3.8	3.7
Retail trade	2,062	2,115	2,105	2,125	2,263	2,327	2,435	2,602	2,667	605	29.3	12.4	14.3
Finance, ins, real estate	761	798	841	868	879	840	891	902	961	200	26.3	4.6	5.2
Services	3,517	3,604	3,858	4,073	4,152	4,434	4,664	4,835	4,975	1,458	41.5	21.1	26.7
Government	2,027	1,982	1,949	1,931	2,001	2,086	2,069	2,098	2,139	112	5.5	12.2	11.5
Federal, civilian	156	155	160	153	174	168	170	177	179	23	14.7	0.9	1.0
Military	165	192	232	196	218	238	261	264	264	99	60.0	1.0	1.4
State & local	1,706	1,635	1,557	1,582	1,609	1,680	1,638	1,657	1,696	-10	-0.6	10.2	9.1

TABLE A.4 (continued)
Employment by Industry in the Middle Peninsula PD, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	21,151	21,200	21,179	22,024	23,065	24,034	24,876	25,826	26,205	5,054	23.9	100.0	100.0
By type													
Wage & salary	16,248	16,136	15,995	16,552	17,275	18,085	18,598	19,417	19,659	3,411	21.0	76.8	75.0
Proprietors	4,903	5,064	5,184	5,472	5,790	5,949	6,278	6,409	6,546	1,643	33.5	23.2	25.0
By industry													
Farm	1,798	1,760	1,758	1,780	1,707	1,638	1,433	1,370	1,385	-413	-23.0	8.5	5.3
Nonfarm	19,353	19,440	19,421	20,244	21,358	22,396	23,443	24,456	24,820	5,467	28.2	91.5	94.7
Agricultural services, forestry, fishing, other	1,133	1,108	961	1,035	586	470	476	482	490	-643	-56.8	5.4	1.9
Mining	26	23	28	40	33	20	21	35	33	7	26.9	0.1	0.1
Construction	1,154	1,107	1,085	1,191	1,043	1,289	1,262	1,256	1,327	173	15.0	5.5	5.1
Manufacturing	3,411	3,452	3,303	3,340	3,482	3,532	3,716	3,725	3,600	189	5.5	16.1	13.7
Transport & pub. utilities	605	605	621	668	741	742	760	760	818	213	35.2	2.9	3.1
Wholesale trade	700	727	703	732	764	693	712	742	743	43	6.1	3.3	2.8
Retail trade	3,440	3,366	3,418	3,584	3,696	3,942	4,092	4,529	4,591	1,151	33.5	16.3	17.5
Finance, ins, real estate	1,048	1,076	1,065	1,109	1,195	1,383	1,408	1,473	1,374	326	31.1	5.0	5.2
Services	4,277	4,475	4,763	5,094	5,250	5,545	5,908	6,042	6,149	1,872	43.8	20.2	23.5
Government	3,530	3,480	3,449	3,427	3,500	3,672	3,814	4,035	4,283	753	21.3	16.7	16.3
Federal, civilian	233	242	237	233	238	232	227	233	234	1	0.4	1.1	0.9
Military	299	341	403	359	410	454	482	460	462	163	54.5	1.4	1.8
State & local	2,998	2,897	2,809	2,835	2,852	2,986	3,105	3,342	3,587	589	19.6	14.2	13.7

TABLE A.4 (continued)
Employment by Industry in the Crater PD, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	75,733	74,605	70,743	70,266	71,333	73,387	73,381	74,530	75,225	-508	-0.7	100.0	100.0
By type													
Wage & salary	68,836	67,706	63,790	63,022	63,865	65,782	65,722	66,749	67,318	-1,518	-2.2	90.9	89.5
Proprietors	6,897	6,899	6,953	7,244	7,468	7,605	7,659	7,781	7,907	1,010	14.6	9.1	10.5
By industry													
Farm	2,715	2,618	2,566	2,600	2,490	2,397	2,106	2,020	2,037	-678	-25.0	3.6	2.7
Nonfarm	73,018	71,987	68,177	67,666	68,843	70,990	71,275	72,510	73,188	170	0.2	96.4	97.3
Agricultural services, forestry, fishing, other	123	132	137	126	140	159	183	233	67	-56	-45.5	0.2	0.1
Mining	55	55	46	37	35	0	0	0	0	-55	-100.0	0.1	0.0
Construction	4,164	3,054	2,777	2,904	3,184	3,446	4,012	4,415	4,458	294	7.1	5.5	5.9
Manufacturing	14,079	13,465	11,937	10,448	10,296	10,311	9,021	8,911	9,056	-5,023	-35.7	18.6	12.0
Transport & pub. utilities	2,005	2,016	1,964	1,807	1,840	1,756	1,756	1,889	1,895	-110	-5.5	2.6	2.5
Wholesale trade	1,790	1,777	1,676	1,691	1,788	1,775	1,767	1,827	1,838	48	2.7	2.4	2.4
Retail trade	10,327	10,531	10,171	10,572	10,922	11,672	12,206	12,646	12,998	2,671	25.9	13.6	17.3
Finance, ins, real estate	2,320	~~2,307~~	2,238	2,281	2,490	2,713	2,793	2,820	2,848	528	22.8	3.1	3.8
Services	10,512	10,891	11,057	11,366	10,054	10,691	11,343	11,435	11,681	1,169	11.1	13.9	15.5
Government	25,756	25,899	24,739	25,067	25,056	25,183	24,854	25,138	24,525	-1,231	-4.8	34.0	32.6
Federal, civilian	5,784	5,770	5,476	5,542	5,981	6,147	6,032	5,869	5,575	-209	-3.6	7.6	7.4
Military	7,378	7,668	6,971	7,268	6,857	7,072	7,141	7,664	6,972	-406	-5.5	9.7	9.3
State & local	12,594	12,461	12,292	12,257	12,218	11,964	11,681	11,605	11,978	-616	-4.9	16.6	15.9

TABLE A.4 (continued)
Employment by Industry in the Southeastern Virginia PD, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	458,618	466,814	473,925	487,031	511,973	537,644	555,760	579,470	588,967	130,349	28.4	100.0	100.0
By type													
Wage & salary	423,242	432,038	435,979	447,193	469,601	491,419	506,745	529,612	537,994	114,752	27.1	92.3	91.3
Proprietors	35,376	34,776	37,946	39,838	42,372	46,225	49,015	49,858	50,973	15,597	44.1	7.7	8.7
By Industry													
Farm	4,129	3,949	3,828	3,855	3,693	3,554	3,084	2,924	2,973	-1,156	-28.0	0.9	0.5
Nonfarm	454,489	462,865	470,097	483,176	508,280	534,090	552,676	576,546	585,994	131,505	28.9	99.1	99.5
Agricultural services, forestry, fishing, other	1,745	1,958	1,911	1,990	2,248	2,643	2,841	3,074	3,257	1,512	86.6	0.4	0.6
Mining	121	130	122	139	141	152	159	158	171	50	41.3	0.0	0.0
Construction	24,492	23,412	23,550	26,756	31,044	34,801	39,305	40,203	38,949	14,457	59.0	5.3	6.6
Manufacturing	37,388	37,051	34,727	33,649	35,605	36,049	36,390	37,570	37,019	-369	-1.0	8.2	6.3
Transport & pub. utilities	21,104	21,818	21,674	21,771	22,641	23,354	24,224	24,452	25,497	4,393	20.8	4.6	4.3
Wholesale trade	18,354	18,342	18,716	19,278	20,247	20,757	21,691	23,064	24,240	5,886	32.1	4.0	4.1
Retail trade	62,095	64,794	64,679	68,083	73,769	79,953	82,563	86,857	88,232	26,137	42.1	13.5	15.0
Finance, ins, real estate	24,600	24,735	25,197	26,541	29,022	31,337	33,150	34,930	35,359	10,759	43.7	5.4	6.0
Services	84,264	85,063	89,375	94,645	99,618	107,727	114,313	121,910	126,824	42,560	50.5	18.4	21.5
Government	180,320	185,556	190,139	190,317	193,938	197,310	198,033	204,317	206,438	26,118	14.5	39.3	35.1
Federal, civilian	37,945	38,397	38,846	39,108	40,330	40,393	38,996	38,560	38,847	902	2.4	8.3	6.6
Military	95,877	103,132	107,166	106,477	108,274	110,154	110,340	115,005	116,379	20,502	21.4	20.9	19.8
State & local	46,498	44,027	44,127	44,732	45,334	46,763	48,697	50,752	51,212	4,714	10.1	10.1	8.7

TABLE A.4 (continued)
Employment by Industry in the Peninsula PD, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	181,069	185,271	188,085	192,753	201,992	211,594	218,572	224,419	231,825	50,756	28.0	100.0	100.0
By type													
Wage & salary	169,737	173,971	175,939	180,530	188,952	197,467	203,007	208,504	215,491	45,754	27.0	93.7	93.0
Proprietors	11,332	11,300	12,146	12,223	13,040	14,127	15,565	15,915	16,334	5,002	44.1	6.3	7.0
By industry													
Farm	343	334	334	338	324	310	265	251	256	-87	-25.4	0.2	0.1
Nonfarm	180,726	184,937	187,751	192,415	201,668	211,284	218,307	224,168	231,569	50,843	28.1	99.8	99.9
Agricultural services, forestry, fishing, other	1,243	1,248	1,264	1,277	1,303	1,352	1,534	1,730	1,809	566	45.5	0.7	0.8
Mining	29	28	30	33	37	34	33	31	18	-11	-37.9	0.0	0.0
Construction	9,040	8,707	8,330	8,894	10,264	11,760	13,017	14,252	13,536	4,496	49.7	5.0	5.8
Manufacturing	34,438	35,763	36,148	38,963	40,022	40,910	40,339	38,348	38,875	4,437	12.9	19.0	16.8
Transport & pub. utilities	4,791	5,007	4,998	4,825	4,890	4,799	5,000	5,242	5,632	841	17.6	2.6	2.4
Wholesale trade	3,846	3,743	4,009	3,987	4,354	4,094	4,193	4,369	4,302	456	11.9	2.1	1.9
Retail trade	26,472	27,883	29,001	29,672	32,270	35,157	36,776	38,070	40,129	13,657	51.6	14.6	17.3
Finance, ins, real estate	7,279	7,237	7,136	7,296	7,861	8,218	9,129	9,802	10,009	2,730	37.5	4.0	4.3
Services	36,511	37,223	38,071	38,983	41,263	44,969	47,515	50,352	53,782	17,271	47.3	20.2	23.2
Government	57,064	58,081	58,745	58,468	59,387	59,971	60,757	61,958	63,463	6,399	11.2	31.5	27.4
Federal, civilian	17,239	17,161	17,553	17,240	17,357	17,472	17,575	18,155	18,602	1,363	7.9	9.5	8.0
Military	19,329	20,778	21,729	21,832	22,226	22,400	22,620	22,632	22,940	3,611	18.7	10.7	9.9
State & local	20,496	20,142	19,463	19,396	19,804	20,099	20,562	21,171	21,921	1,425	7.0	11.3	9.5

TABLE A.4 (continued)
Employment by Industry in the Accomack-Northampton PD, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	22,213	21,815	21,580	21,208	21,705	22,375	22,611	23,670	23,931	1,718	7.7	100.0	100.0
By type													
Wage & salary	18,372	17,940	17,553	17,236	17,659	18,338	18,511	19,437	19,620	1,248	6.8	82.7	82.0
Proprietors	3,841	3,875	4,027	3,972	4,046	4,037	4,100	4,233	4,311	470	12.2	17.3	18.0
By industry													
Farm	2,226	2,108	2,043	2,046	1,967	1,891	1,611	1,508	1,557	-669	-30.1	10.0	6.5
Nonfarm	19,987	19,707	19,537	19,162	19,738	20,484	21,000	22,162	22,374	2,387	11.9	90.0	93.5
Agricultural services, forestry, fishing, other	1,786	1,657	1,578	1,545	1,655	1,674	1,663	1,868	1,932	146	8.2	8.0	8.1
Mining	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Construction	798	762	749	776	821	901	991	1,019	1,054	256	32.1	3.6	4.4
Manufacturing	5,204	5,226	5,320	5,050	5,075	5,405	5,515	5,983	5,697	493	9.5	23.4	23.8
Transport & pub. utilities	579	571	576	552	528	548	545	549	527	-52	-9.0	2.6	2.2
Wholesale trade	855	901	834	812	799	795	759	796	813	-42	-4.9	3.8	3.4
Retail trade	2,587	2,560	2,629	2,639	2,696	2,782	2,930	3,222	3,402	815	31.5	11.6	14.2
Finance, ins, real estate	594	645	597	584	722	756	743	685	676	82	13.8	2.7	2.8
Services	3,794	3,772	3,819	3,866	3,950	4,117	4,327	4,442	4,620	826	21.8	17.1	19.3
Government	3,786	3,609	3,429	3,333	3,487	3,501	3,522	3,593	3,648	-38	-3.6	17.0	15.2
Federal, civilian	869	842	804	772	817	788	776	800	816	-53	-6.1	3.9	3.4
Military	416	394	387	355	389	416	428	434	468	52	12.5	1.9	2.0
State & local	2,501	2,373	2,238	2,206	2,281	2,297	2,318	2,359	2,364	-137	-5.5	11.3	9.9

TABLE A.4 (continued)
Employment by Industry in the Hampton Roads PD, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	639,687	652,085	662,010	679,784	713,965	749,238	774,332	803,889	820,792	181,105	28.3	100.0	100.0
By type													
Wage & salary	592,979	606,009	611,918	627,723	658,553	688,886	709,752	738,116	753,485	160,506	27.1	92.7	91.8
Proprietors	46,708	46,076	50,092	52,061	55,412	60,352	64,580	65,773	67,307	20,599	44.1	7.3	8.2
By industry													
Farm	4,472	4,283	4,162	4,193	4,017	3,864	3,349	3,175	3,229	-1,243	-27.8	0.7	0.4
Nonfarm	635,215	647,802	657,848	675,591	709,948	745,374	770,983	800,714	817,563	182,348	28.7	99.3	99.6
Agricultural services, forestry, fishing, other	2,988	3,206	3,175	3,267	3,551	3,995	4,375	4,804	5,066	2,078	69.5	0.5	0.6
Mining	150	158	152	172	178	186	192	189	189	39	26.0	0.0	0.0
Construction	33,532	32,119	31,880	35,650	41,308	46,561	52,322	54,455	52,485	18,953	56.5	5.2	6.4
Manufacturing	71,826	72,814	70,875	72,612	75,627	76,959	76,729	75,918	75,894	4,068	5.7	11.2	9.2
Transport & pub. utilities	25,895	26,825	26,672	26,596	27,531	28,153	29,224	29,694	31,129	5,234	20.2	4.0	3.8
Wholesale trade	22,200	22,085	22,725	23,265	24,601	24,851	25,884	27,433	28,542	6,342	28.6	3.5	3.5
Retail trade	88,567	92,677	93,680	97,755	106,039	115,110	119,339	124,927	128,361	39,794	44.9	13.8	15.6
Finance, ins, real estate	31,879	31,972	32,333	33,837	36,883	39,555	42,279	44,732	45,368	13,489	42.3	5.0	5.5
Services	120,775	122,286	127,446	133,628	140,881	152,696	161,828	172,262	180,606	59,831	49.5	18.9	22.0
Government	237,384	243,637	248,884	248,785	253,325	257,281	258,790	266,275	269,901	32,517	13.7	37.1	32.9
Federal, civilian	55,184	55,558	56,399	56,348	57,687	57,865	56,571	56,715	57,449	2,265	4.1	8.6	7.0
Military	115,206	123,910	128,895	128,309	130,500	132,554	132,960	137,637	139,319	24,113	20.9	18.0	17.0
State & local	66,994	64,169	63,590	64,128	65,138	66,862	69,259	71,923	73,133	6,139	9.2	10.5	8.9

Note: Numbers may not sum to totals due to conventions designed to maintain confidentiality.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, unpublished data, Regional Economic Information System, 1990.

TABLE A.5
Employment by Industry and by Location in the LENOWISCO PD, 1988

	Planning District	Lee	Scott	Wise/ Norton
Total employment	35,913	7,578	7,183	21,152
By type				
Wage & salary	27,252	5,069	4,121	18,062
Proprietors	8,661	2,509	3,062	3,090
Farm	3,739	1,631	1,952	156
Nonfarm	4,922	878	1,110	2,934
By industry				
Farm	3,980	1,825	1,984	171
Agricultural services, forestry, fishing, other	144	58	34	52
Mining	4,913	343	52	4,518
Construction	1,461	282	309	870
Manufacturing	2,952	989	1,202	761
Transport & public utilities	2,050	374	250	1,426
Wholesale trade	1,240	142	128	970
Retail trade	5,703	904	1,046	3,753
Finance, ins, real estate	1,102	254	143	705
Services	6,478	1,044	975	4,459
Government	8,890	1,363	1,060	3,467
Federal, civilian	455	59	60	336
Military	638	167	160	311
State & local	4,797	1,137	840	2,820

TABLE A.5 (continued)
Employment by Industry and by Location in the Cumberland Plateau PD, 1988

	Planning District	Buchanan	Dickenson	Russell	Tazewell
Total employment	46,996	13,671	5,368	9,590	18,367
By type					
Wage & salary	37,694	11,458	4,355	6,953	14,928
Proprietors	9,302	2,213	1,013	2,637	3,439
Farm	2,061	112	162	1,308	479
Nonfarm	7,241	2,101	851	1,329	2,960
By industry					
Farm	2,426	114	175	1,535	602
Agricultural services, forestry, fishing, other	111	L	L	55	56
Mining	9,148	5,305	1,538	897	1,408
Construction	2,042	547	210	405	880
Manufacturing	3,158	273	308	1,140	1,437
Transport & public utilities	3,316	1,327	410	933	646
Wholesale trade	1,688	507	31	169	981
Retail trade	7,316	1,639	724	1,135	3,818
Finance, ins, real estate	1,446	306	117	244	779
Services	8,923	1,929	917	1,588	4,489
Government	7,412	1,719	933	1,489	3,271
Federal, civilian	335	72	41	62	160
Military	872	228	125	202	317
State & local	6,205	1,419	767	1,225	2,794

TABLE A.5 (continued)
Employment by Industry and by Location in the Mount Rogers F D, 1988

	Planning District	Bland	Carroll/ Galax	Grayson	Smyth	Washington/ Bristol	Wythe
Total employment	91,316	2,269	18,244	4,930	16,014	37,386	12,473
By type							
Wage & salary	73,223	1,578	14,881	3,421	13,145	30,125	10,073
Proprietors	18,093	691	3,363	1,509	2,869	7,261	2,400
Farm	6,450	352	1,059	992	959	2,287	801
Nonfarm	11,643	339	2,304	517	1,910	4,974	1,599
By industry							
Farm	7,681	407	1,216	1,117	1,152	2,740	1,049
Agricultural services, forestry, fishing, other	516	L	86	D	80	267	83
Mining	192	0	L	D	12	112	68
Construction	4,281	104	807	205	885	1,343	937
Manufacturing	27,561	599	7,524	1,773	5,888	9,450	2,327
Transport & public utilities	2,578	36	401	67	366	1,335	373
Wholesale trade	3,092	101	266	11	218	2,090	406
Retail trade	13,857	185	2,391	386	2,242	6,321	2,332
Finance, ins, real estate	3,293	71	534	176	562	1,490	460
Services	16,613	211	2,878	538	2,349	8,012	2,625
Government	11,608	551	2,139	619	2,260	4,226	1,813
Federal, civilian	781	20	91	37	114	387	132
Military	1,131	40	215	103	207	407	159
State & local	9,696	491	1,833	479	1,939	3,432	1,522

TABLE A.5 (continued)
Employment by Industry and by Location in the New River Valley PD, 1988

	Planning District	Floyd	Giles	Montgomery/ Radford	Pulaski
Total employment	75,618	4,272	7,744	46,799	16,803
By type					
Wage & salary	65,730	2,304	6,051	42,502	14,873
Proprietors	9,888	1,968	1,693	4,297	1,930
Farm	2,167	901	372	545	349
Nonfarm	7,721	1,067	1,321	3,752	1,581
By industry					
Farm	2,625	976	414	706	529
Agricultural services, forestry, fishing, other	615	121	18	254	222
Mining	89	L	L	64	25
Construction	3,714	249	426	2,263	776
Manufacturing	21,143	868	2,872	10,834	6,569
Transport & public utilities	2,162	178	322	798	864
Wholesale trade	981	41	142	464	334
Retail trade	11,535	458	1,022	7,986	2,069
Finance, ins, real estate	2,893	110	191	2,058	534
Services	12,542	805	1,545	7,318	2,874
Government	17,315	464	790	14,054	2,007
Federal, civilian	539	52	48	372	67
Military	941	73	110	542	216
State & local	15,835	339	632	13,140	1,724

TABLE A.5 (continued)
Employment by Industry and by Location in the Fifth PD, 1988

	Planning District	Alleghany/ Clifton Forge/ Covington	Botetourt	Craig	Roanoke City	Roanoke County/ Salem
Total employment	160,424	12,181	6,182	1,051	86,647	53,109
By type						
Wage & salary	140,481	10,617	4,272	691	75,274	48,500
Proprietors	19,943	1,564	1,910	360	11,373	4,609
Farm	1,248	177	704	197	0	301
Nonfarm	18,695	1,387	1,206	163	11,373	4,308
By industry						
Farm	1,525	193	940	212	0	375
Agricultural services, forestry, fishing, other	825	16	61	L	342	382
Mining	173	L	L	D	92	81
Construction	11,360	692	495	56	5,954	3,981
Manufacturing	23,550	3,260	1,000	216	9,635	9,253
Transport & public utilities	10,509	1,050	563	37	6,874	1,911
Wholesale trade	10,188	162	165	D	6,111	3,628
Retail trade	29,956	2,117	821	135	17,473	9,129
Finance, ins, real estate	12,146	349	214	36	7,679	3,808
Services	41,604	2,697	996	113	24,776	12,572
Government	18,544	1,643	924	208	7,711	7,989
Federal, civilian	3,559	105	62	36	1,521	1,836
Military	1,640	166	112	26	669	627
State & local	13,345	1,372	750	146	5,521	5,526

TABLE A.5 (continued)
Employment by Industry and by Location in the Central Shenandoah PD, 1988

	Planning District	Augusta/ Staunton/ Waynesboro	Bath	Highland	Rockbridge/ Buena Vista/ Lexington	Rockingham/ Harrisonburg
Total employment	124,441	52,372	3,073	1,218	14,699	53,079
By type						
Wage & salary	103,145	44,439	2,495	668	12,121	43,422
Proprietors	21,296	7,933	578	550	2,578	9,657
Farm	4,701	1,573	131	324	673	2,000
Nonfarm	16,595	6,360	447	226	1,905	7,657
By industry						
Farm	6,859	2,203	174	362	811	3,309
Agricultural services, forestry, fishing, other	515	341	30	L	144	D
Mining	101	59	0	0	42	D
Construction	8,766	3,705	199	115	789	3,958
Manufacturing	28,541	12,865	272	151	3,304	11,949
Transport & public utilities	3,872	2,151	D	27	379	1,315
Wholesale trade	4,574	1,710	D	31	184	2,649
Retail trade	18,977	8,028	211	85	2,364	8,289
Finance, ins, real estate	4,697	2,083	27	43	422	2,122
Services	29,074	10,754	1,487	255	3,770	12,808
Government	17,626	8,473	354	145	2,490	6,164
Federal, civilian	875	284	47	12	150	382
Military	1,391	580	33	19	251	508
State & local	15,360	7,609	274	114	2,089	5,274

TABLE A.5 (continued)
Employment by Industry and by Location in the Lord Fairfax PD, 1988

	Planning District	Clark	Frederick/ Winchester	Page	Shenandoah	Warren
Total employment	80,070	5,842	39,579	7,982	16,422	10,245
By type						
Wage & salary	66,770	3,989	34,690	6,091	13,243	8,757
Proprietors	13,300	1,853	4,889	1,891	3,179	1,488
Farm	2,540	291	615	475	926	233
Nonfarm	10,760	1,562	4,274	1,416	2,253	1,255
By industry						
Farm	3,850	644	1,047	624	1,249	286
Agricultural services, forestry, fishing, other	650	301	D	187	95	67
Mining	41	41	D	0	L	0
Construction	7,310	705	3,390	1,115	1,079	1,021
Manufacturing	19,280	1,023	8,713	1,740	5,573	2,231
Transport & public utilities	2,924	193	1,559	209	673	290
Wholesale trade	3,533	63	2,701	111	397	261
Retail trade	13,521	575	7,756	1,107	2,284	1,799
Finance, ins, real estate	3,391	187	1,808	276	714	406
Services	17,097	1,587	8,485	1,563	2,871	2,591
Government	7,901	523	3,550	1,050	1,485	1,293
Federal, civilian	939	81	450	135	147	126
Military	862	63	359	124	175	141
State & local	6,100	379	2,741	791	1,163	1,026

TABLE A.5 (continued)
Employment by Industry and by Location in the Northern Virginia PD, 1988

	Planning District	Alexandria	Arlington	Fairfax County/ Fairfax City/ Falls Church	Loudoun	Prince William/ Manassas/ Manassas Park
Total employment	954,002	113,900	205,320	503,122	41,110	90,550
By type						
Wage & salary	840,198	99,912	187,759	437,878	34,062	80,587
Proprietors	113,804	13,988	17,561	65,244	7,048	9,963
Farm	1,389	0	0	228	855	306
Nonfarm	112,415	13,988	17,561	65,016	6,193	9,657
By industry						
Farm	2,242	0	0	403	1,405	434
Agricultural services, forestry, fishing, other	6,407	442	586	3,739	785	855
Mining	1,189	41	93	734	243	78
Construction	72,940	7,284	6,508	43,015	5,138	10,995
Manufacturing	37,054	3,218	3,760	19,560	2,004	8,512
Transport & public utilities	57,171	5,882	21,393	23,453	3,263	3,180
Wholesale trade	35,864	3,998	8,070	20,731	1,608	1,457
Retail trade	144,254	18,337	16,477	83,199	5,991	20,250
Finance, ins, real estate	81,726	10,217	11,790	52,366	2,468	4,885
Services	310,693	40,160	67,172	172,468	11,944	18,949
Government	204,462	24,321	69,471	83,454	6,261	20,955
Federal, civilian	90,968	13,139	39,572	33,527	1,582	3,148
Military	45,461	4,434	22,293	10,616	396	7,722
State & local	68,033	6,748	7,606	39,311	4,283	10,085

TABLE A.5 (continued)
Employment by Industry and by Location in the Rappahannock-Rapidan PD, 1988

	Planning District	Culpepper	Fauquier	Madison	Orange	Rappahannock
Total employment	49,257	13,273	20,562	3,705	9,470	2,247
By type						
Wage & salary	38,509	11,002	16,369	2,385	7,301	1,452
Proprietors	10,748	2,271	4,193	1,320	2,169	795
Farm	2,651	524	936	451	439	301
Nonfarm	8,097	1,747	3,257	869	1,730	494
By industry						
Farm	4,289	889	1,547	665	708	480
Agricultural services, forestry, fishing, other	870	150	514	56	81	69
Mining	67	19	48	0	L	0
Construction	5,926	1,057	3,309	357	965	238
Manufacturing	5,800	1,700	1,116	469	2,245	270
Transport & public utilities	1,578	731	462	78	279	28
Wholesale trade	1,450	503	584	101	240	22
Retail trade	7,381	2,447	2,765	430	1,502	237
Finance, ins, real estate	2,632	768	1,333	124	297	110
Services	11,317	3,019	5,100	909	1,822	467
Government	7,943	1,990	3,784	516	1,327	326
Federal, civilian	1,435	101	1,136	86	57	55
Military	1,295	148	923	66	120	38
State & local	5,213	1,741	1,725	364	1,150	233

TABLE A.5 (continued)
Employment by Industry and by Location in the Thomas Jefferson PD, 1988

	Planning District	Albemarle/ Charlottesville	Fluvanna	Greene	Louisa	Nelson
Total employment	94,712	77,639	3,135	2,065	7,385	4,488
By type						
Wage & salary	82,288	69,415	2,293	1,364	5,888	3,328
Proprietors	12,424	8,224	842	701	1,497	1,160
Farm	2,155	782	281	249	465	378
Nonfarm	10,269	7,442	561	452	1,032	782
By industry						
Farm	3,065	1,316	339	277	555	578
Agricultural services, forestry, fishing, other	816	699	22	D	95	D
Mining	197	164	L	D	33	D
Construction	6,542	4,814	454	249	708	317
Manufacturing	10,839	8,457	301	262	1,405	414
Transport & public utilities	2,971	2,420	273	30	D	248
Wholesale trade	2,312	1,865	94	21	304	28
Retail trade	14,325	12,599	249	248	755	474
Finance, ins, real estate	5,905	5,087	123	61	378	256
Services	20,533	17,962	717	466	D	1,388
Government	24,872	22,256	560	414	992	650
Federal, civilian	1,449	1,275	37	45	44	48
Military	1,147	832	66	53	119	77
State & local	22,276	20,149	457	316	829	525

TABLE A.5 (continued)
Employment by Industry and by Location in the Central Virginia PD, 1987

	Planning District	Amherst	Appomattox	Bedford County/City	Campbell/ Lynchburg
Total employment	107,463	11,670	4,945	16,344	74,504
By type					
Wage & salary	94,182	9,978	4,063	12,517	67,624
Proprietors	13,281	1,692	882	3,827	6,880
Farm	2,931	427	449	1,340	715
Nonfarm	10,350	1,265	433	2,487	6,165
By Industry					
Farm	3,422	521	487	1,568	846
Agricultural services, forestry, fishing, other	520	164	D	D	356
Mining	65	L	D	D	65
Construction	7,329	900	397	1,905	4,127
Manufacturing	28,742	1,424	1,766	3,553	21,999
Transport & public utilities	3,800	544	182	371	2,703
Wholesale trade	3,703	257	84	482	2,880
Retail trade	17,932	1,704	628	1,997	13,603
Finance, ins, real estate	5,246	211	145	734	4,156
Services	23,237	2,314	448	3,286	17,189
Government	13,162	3,623	764	2,195	6,580
Federal, civilian	768	53	57	172	486
Military	1,257	180	77	278	722
State & local	11,137	3,390	630	1,745	5,372

TABLE A.5 (continued)
Employment by Industry and by Location in the West Piedmont PD, 1988

	Planning District	Franklin	Henry/ Martinsville	Patrick	Pittsylvania/ Danville
Total employment	125,822	15,590	48,795	7,763	53,674
By type					
Wage & salary	107,881	11,803	44,487	5,418	46,173
Proprietors	17,941	3,787	4,308	2,345	7,501
Farm	4,491	1,225	413	766	2,087
Nonfarm	13,450	2,562	3,895	1,579	5,414
By industry					
Farm	5,660	1,635	465	893	2,667
Agricultural services, forestry, fishing, other	655	207	166	63	219
Mining	162	L	115	0	47
Construction	6,349	1,219	1,805	350	2,975
Manufacturing	51,690	4,925	26,729	2,705	17,331
Transport & public utilities	3,310	323	1,518	182	1,287
Wholesale trade	2,999	325	707	101	1,866
Retail trade	17,570	1,968	5,893	823	8,886
Finance, ins, real estate	4,406	644	1,450	260	2,052
Services	21,277	2,833	6,278	1,633	10,533
Government	11,742	1,509	3,669	753	5,811
Federal, civilian	609	108	151	52	298
Military	1,505	233	467	110	695
State & local	9,628	1,168	3,051	591	4,818

TABLE A.5 (continued)
Employment by Industry and by Location in the Southside PD, 1988

	Planning District	Brunswick	Halifax/ South Boston	Mecklenburg
Total employment	41,117	6,383	17,725	17,009
By type				
Wage & salary	33,065	5,063	13,537	14,465
Proprietors	8,052	1,320	4,188	2,544
Farm	3,271	604	1,682	985
Nonfarm	4,781	716	2,506	1,559
By industry				
Farm	4,380	885	2,078	1,417
Agricultural services, forestry, fishing, other	410	D	79	331
Mining	27	D	27	L
Construction	2,055	340	995	720
Manufacturing	12,027	1,433	5,356	5,238
Transport & public utilities	1,321	219	543	559
Wholesale trade	948	86	375	487
Retail trade	6,420	865	2,418	3,137
Finance, ins, real estate	1,050	161	462	427
Services	7,003	1,051	3,442	2,510
Government	5,359	1,229	1,950	2,180
Federal, civilian	315	59	124	132
Military	520	100	234	186
State & local	4,524	1,070	1,592	1,862

TABLE A.5 (continued)
Employment by Industry and by Location in the Piedmont PD, 1988

	Planning District	Amelia	Buckingham	Charlotte	Cumberland	Lunenburg	Nottoway	Prince Edward
Total employment	35,356	3,163	3,623	4,909	1,781	4,918	7,500	9,462
By type								
Wage & salary	27,616	2,225	2,757	3,209	1,253	3,742	6,331	8,099
Proprietors	7,740	938	866	1,700	528	1,176	1,169	1,363
Farm	3,260	454	409	696	314	571	387	429
Nonfarm	4,480	484	457	1,004	214	605	782	934
By industry								
Farm	4,375	621	451	887	431	769	610	606
Agricultural services, forestry, fishing, other	247	86	14	51	25	35	D	36
Mining	0	0	D	0	0	0	D	L
Construction	2,337	477	286	128	163	444	316	523
Manufacturing	5,999	566	417	1,389	104	1,606	1,052	865
Transport & public utilities	1,266	62	D	172	60	101	637	234
Wholesale trade	933	89	83	86	47	104	317	207
Retail trade	4,893	285	335	472	175	545	1,106	1,975
Finance, ins, real estate	1,031	55	87	195	41	106	234	313
Services	7,207	434	675	909	367	645	1,146	3,031
Government	6,746	488	987	620	368	563	2,050	1,670
Federal, civilian	792	27	24	51	20	35	541	94
Military	597	52	76	73	49	76	164	107
State & local	5,357	409	887	496	299	452	1,345	1,469

TABLE A.5 (continued)
Employment by Industry and by Location in the Richmond Regional PD, 1988

	Planning District	Charles City	Chesterfield	Goochland	Hanover	Henrico	New Kent	Powhatan	Richmond City
Total employment	494,144	1,104	80,656	4,075	32,813	118,639	2,875	3,958	250,024
By type									
Wage & salary									
Proprietors	442,178	886	70,416	3,031	27,382	113,696	1,880	3,057	221,830
Farm	51,966	218	10,240	1,044	5,431	4,943	995	901	28,194
Nonfarm	1,641	62	231	271	617	161	85	214	0
	50,325	156	10,009	773	4,814	4,782	910	687	28,194
By industry									
Farm									
Agricultural services, forestry, fishing, other	2,223	109	278	356	817	203	108	352	0
Mining	2,061	11	695	D	D	872	78	D	405
	649	D	204	D	D	235	0	D	210
Construction									
Manufacturing	36,470	74	8,322	567	5,349	9,285	313	629	11,931
Transport & public utilities	58,921	98	11,835	144	3,426	12,378	249	201	30,590
	25,440	86	4,033	110	1,028	5,797	70	154	14,162
Wholesale trade									
Retail trade	29,018	L	2,302	112	4,030	8,738	51	57	13,728
Finance, ins, real estate	80,916	138	15,741	515	5,413	27,325	370	437	30,977
Services	50,378	D	4,328	189	1,438	13,893	60	150	30,320
	124,428	218	16,959	830	8,003	29,070	1,083	551	67,714
Government									
Federal, civilian	82,831	338	15,959	920	2,925	10,843	493	1,366	49,987
Military	11,933	19	4,009	30	120	492	28	26	7,209
State & local	4,803	41	1,034	78	329	1,211	63	84	1,963
	66,095	278	10,916	812	2,476	9,140	402	1,256	40,815

TABLE A.5 (continued)
Employment by Industry and by Location in the RADCO PD, 1988

	Planning District	Caroline	King George	Spottsylvania/ Fredericksburg	Stafford
Total employment	63,194	5,452	9,042	35,876	12,824
By type					
Wage & salary	52,696	4,476	7,108	30,678	10,434
Proprietors	10,498	976	1,934	5,198	2,390
Farm	937	247	179	302	209
Nonfarm	9,561	729	1,755	4,896	2,181
By industry					
Farm	1,241	340	227	429	245
Agricultural services, forestry, fishing, other	246	D	35	211	D
Mining	51	D	L	51	D
Construction	6,847	634	394	3,604	2,215
Manufacturing	4,530	746	343	3,058	383
Transport & public utilities	2,582	340	185	1,586	471
Wholesale trade	2,029	79	123	1,498	329
Retail trade	14,170	755	570	9,667	3,178
Finance, ins, real estate	3,696	271	523	2,341	561
Services	15,021	935	2,358	8,924	2,804
Government	12,465	1,294	4,283	4,507	2,381
Federal, civilian	3,924	328	3,284	248	64
Military	1,294	176	472	355	291
State & local	7,247	790	527	3,904	2,026

TABLE A.5 (continued)
Employment by Industry and by Location in the Northern Neck PD, 1988

	Planning District	Lancaster	Northumberland	Richmond	Westmoreland
Total employment	18,611	6,041	3,514	4,170	4,886
By type					
Wage & salary	13,876	4,682	2,431	3,198	3,565
Proprietors	4,735	1,359	1,083	972	1,321
Farm	688	100	187	188	213
Nonfarm	4,047	1,259	896	784	1,108
By industry					
Farm	1,052	125	211	242	474
Agricultural services, forestry, fishing, other	992	312	272	103	305
Mining	0	L	L	0	L
Construction	1,605	570	405	323	307
Manufacturing	2,739	645	716	591	787
Transport & public utilities	777	115	135	426	101
Wholesale trade	694	247	104	231	112
Retail trade	2,667	865	416	731	655
Finance, ins, real estate	961	520	127	146	168
Services	4,975	2,179	727	821	1,248
Government	2,139	462	400	556	721
Federal, civilian	179	44	40	33	62
Military	264	70	62	44	88
State & local	1,696	348	298	479	571

TABLE A.5 (continued)
Employment by Industry and by Location in the Middle Peninsula PD, 1988

	Planning District	Essex	Gloucester	King and Queen	King William	Matthews	Middlesex
Total employment	26,205	5,193	8,988	1,285	4,566	2,368	3,805
By type							
Wage & salary	19,659	3,884	6,870	900	3,864	1,446	2,695
Proprietors	6,546	1,309	2,118	385	702	922	1 110
Farm	888	179	152	186	154	97	120
Nonfarm	5,658	1,130	1,966	199	548	825	990
By industry							
Farm	1,385	285	200	237	238	144	281
Agricultural services, forestry, fishing, other	490	54	D	D	28	231	177
Mining	33	L	19	14	L	L	L
Construction	1,327	265	D	108	367	233	354
Manufacturing	3,600	904	372	246	1,499	184	395
Transport & public utilities	818	114	363	25	88	70	158
Wholesale trade	743	83	280	10	119	109	142
Retail trade	4,591	1,092	1,665	91	823	343	577
Finance, ins, real estate	1,374	239	535	D	201	203	196
Services	6,149	1,663	2,291	236	615	486	858
Government	4,283	493	1,895	289	581	359	666
Federal, civilian	234	36	80	26	22	40	30
Military	462	55	164	39	63	88	53
State & local	3,587	402	1,651	224	496	231	583

TABLE A.5 (continued)
Employment by Industry and by Location in the Crater PD, 1988

	Planning District	Dinwiddie/ Colonial Heights/ Petersburg	Greensville/ Emporia	Prince George/ Hopewell	Surry	Sussex
Total employment	75,225	33,887	7,813	26,595	3,265	3,665
By type						
Wage & salary	67,318	30,020	6,973	24,728	2,650	2,947
Proprietors	7,907	3,867	840	1,867	615	718
Farm	1,388	496	255	182	199	256
Nonfarm	6,519	3,371	585	1,685	416	462
By industry						
Farm	2,037	721	397	239	260	420
Agricultural services, forestry, fishing, other	67	D	27	40	L	L
Mining	0	D	D	0	0	L
Construction	4,458	2,092	243	1,990	D	133
Manufacturing	9,056	3,225	2,026	2,978	103	724
Transport & public utilities	1,895	1,005	409	309	D	172
Wholesale trade	1,838	1,172	231	201	78	156
Retail trade	12,998	7,430	1,549	3,014	273	732
Finance, ins, real estate	2,848	1,748	255	659	64	122
Services	11,681	7,256	D	3,352	478	595
Government	24,525	8,892	796	13,813	420	604
Federal, civilian	5,575	294	41	5,181	19	40
Military	6,972	491	95	6,284	39	63
State & local	11,978	8,107	660	2,348	362	501

TABLE A.5 (continued)
Employment by Industry and by Location in the Southeastern Virginia PD, 1988

	Planning District	Chesapeake	Isle of Wight	Norfolk	Portsmouth	Southampton/ Franklin	Suffolk	Virginia Beach
Total employment	588,967	50,130	12,411	260,198	62,763	10,250	19,555	173,660
By type								
Wage & salary	537,994	43,753	10,616	248,319	58,130	8,562	17,058	151,556
Proprietors	50,973	6,377	1,795	11,879	4,633	1,688	2,497	22,104
Farm	1,728	272	328	0	0	543	364	221
Nonfarm	49,245	6,105	1,467	11,879	4,633	1,145	2,133	21,883
By industry								
Farm	2,973	521	538	0	0	905	587	422
Agricultural services, forestry, fishing, other	3,257	614	115	500	91	112	216	1,609
Mining	171	58	14	20	L	15	L	64
Construction	38,949	7,786	828	10,352	2,957	592	1,333	15,101
Manufacturing	37,019	3,910	5,663	16,216	2,948	1,110	2,909	4,263
Transport & public utilities	25,497	2,620	414	13,252	2,599	395	800	5,417
Wholesale trade	24,240	2,307	344	12,442	1,288	455	1,460	5,944
Retail trade	88,232	9,263	1,269	28,703	8,442	1,454	3,331	35,770
Finance, ins, real estate	35,359	2,633	488	13,221	1,990	432	949	15,646
Services	126,824	9,919	1,692	51,409	12,596	2,586	4,479	44,143
Government	206,438	10,499	1,046	114,083	29,846	2,194	3,489	45,281
Federal, civilian	38,847	326	97	18,534	16,372	88	137	3,293
Military	116,379	1,596	146	78,914	7,675	158	314	27,576
State & local	51,212	8,577	803	16,635	5,799	1,948	3,038	14,412

TABLE A.5 (continued)
Employment by Industry and by Location in the Peninsula PD, 1988

	Planning District	Hampton	James City/ Williamsburg	Newport News	York/ Poquoson
Total employment	231,825	74,406	36,074	103,761	17,584
By type					
Wage & salary	215,491	69,915	32,585	97,838	15,153
Proprietors	16,334	4,491	3,489	5,923	2,431
Farm	123	0	60	0	63
Nonfarm	16,211	4,491	3,429	5,923	2,368
By industry					
Farm	256	0	97	0	159
Agricultural services, forestry, fishing, other	1,809	367	180	572	690
Mining	18	L	L	18	L
Construction	13,536	4,418	2,074	5,168	1,876
Manufacturing	38,875	3,890	2,893	31,412	680
Transport & public utilities	5,632	2,039	552	2,557	484
Wholesale trade	4,302	1,342	263	2,320	377
Retail trade	40,129	16,303	8,023	12,646	3,157
Finance, ins, real estate	10,009	2,484	1,479	5,346	700
Services	53,782	15,664	14,204	20,753	3,161
Government	63,463	27,891	6,304	22,969	6,299
Federal, civilian	18,602	10,106	359	6,008	2,129
Military	22,940	11,461	584	8,831	2,064
State & local	21,921	6,324	5,361	8,130	2,106

TABLE A.5 (continued)
Employment by Industry and by Location in the
Accomack-Northampton PD, 1988

	Planning District	Accomack	Northampton
Total employment	23,931	17,269	6,662
By type			
Wage & salary	19,620	14,150	5,470
Proprietors	4,311	3,119	1,192
Farm	647	404	243
Nonfarm	3,664	2,715	949
By Industry			
Farm	1,557	1,010	547
Agricultural services, forestry, fishing, other	1,932	1,413	519
Mining	0	L	0
Construction	1,054	802	252
Manufacturing	5,697	4,493	1,204
Transport & public utilities	527	376	151
Wholesale trade	813	546	267
Retail trade	3,402	2,604	798
Finance, ins, real estate	676	529	147
Services	4,620	2,904	1,716
Government	3 648	2 587	1 061
Military	468	358	110
State & local	2,364	1,466	898

TABLE A.5 (continued)
Employment by Industry and by Location in the Hampton Roads PD, 1988

	Planning District	Chesapeake	Hampton	Isle of Wight	James City/ Williamsburg	Newport News	Norfolk	Portsmouth	Southampton/ Franklin	Suffolk	Virginia Beach	York/ Poquoson
Total employment	820,792	50,130	74,406	12,411	36,074	103,761	260,198	62,763	10,250	19,555	173,660	17,584
By type												
Wage & salary	753,485	43,753	69,915	10,616	32,585	97,838	248,319	58,130	8,562	17,058	151,556	15,153
Proprietors	67,307	6,377	4,491	1,795	3,489	5,923	11,879	4,633	1,688	2,497	22,104	2,431
Farm	1,851	272	0	328	60	0	0	0	543	364	221	63
Nonfarm	65,456	6,105	4,491	1,467	3,429	5,923	11,879	4,633	1,145	2,133	21,883	2,368
By industry												
Farm	3,229	521	0	538	97	0	0	0	905	587	422	159
Agricultural services, forestry, fishing, other	5,066	614	367	115	180	572	500	91	112	216	1,609	690
Mining	189	58	L	14	L	18	20	L	15	L	64	L
Construction	52,485	7,786	4,418	828	2,074	5,168	10,352	2,957	592	1,333	15,101	1,876
Manufacturing	75,894	3,910	3,890	5,663	2,893	31,412	16,216	2,948	1,110	2,909	4,263	680
Transport & pub utilities	31,129	2,620	2,039	414	552	2,557	13,252	2,599	395	800	5,417	484
Wholesale trade	28,542	2,307	1,342	344	263	2,320	12,442	1,288	455	1,460	5,944	377
Retail trade	128,361	9,263	16,303	1,269	8,023	12,646	28,703	8,442	1,454	3,331	35,770	3,157
Finance, ins, real estate	45,368	2,633	2,484	488	1,479	5,346	13,221	1,990	432	949	15,646	700
Services	180,606	9,919	15,664	1,692	14,204	20,753	51,409	12,596	2,586	4,479	44,143	3,161
Government	269,901	10,499	27,891	1,046	6,304	22,969	114,083	29,846	2,194	3,489	45,281	6,299
Federal, civilian	57,449	326	10,106	97	359	6,008	18,534	16,372	88	137	3,293	2,129
Military	139,319	1,596	11,461	146	584	8,831	78,914	7,675	158	314	27,576	2,064
State & local	73,133	8,577	6,324	803	5,361	8,130	16,635	5,799	1,948	3,038	14,412	2,106

Notes: Numbers may not sum to totals due to conventions designed to maintain confidentiality. Industries that contain a small number of firms may be reported as a 'D.' If that occurs in a particular locality, another industry within the locality is reported in the same way to prevent disclosure of confidential employment information. An industry with fewer than ten employees is reported as an 'L.' Both 'D' and 'L' codes are treated as zeros in summing to get the planning district total for each industry.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, unpublished data, Regional Economic Information System, 1990.

TABLE A.6
Tourism-Related Expenditures and Employment in the Planning Districts,
1988

Location	Total Travel Expenditures (000s)	Travel- Generated Payroll (000s)	Travel- Generated Jobs	State Tax Receipts (000s)	Local Tax Receipts (000s)
Virginia	\$5,748,189	\$1,234,182	135,883	\$231,643	\$111,383
1. LENOWISCO	15,523	2,662	262	434	112
Lee County	3,043	409	29	34	16
Norton City	2,550	500	55	102	18
Scott County	5,566	971	97	155	39
Wise County	4,364	782	81	143	39
2. Cumberland Plateau	21,313	3,633	362	613	174
Buchanan County	5,672	946	90	145	43
Dickenson County	2,473	406	40	70	20
Russell County	2,227	343	31	49	16
Tazewell County	10,941	1,938	201	349	95
3. Mount Rogers	101,650	20,419	2,288	3,844	1,304
Bland County	464	93	11	20	6
Bristol City	17,127	3,596	422	737	322
Carroll County	14,479	2,473	239	348	115
Galax City	1,174	173	16	29	10
Grayson County	2,422	356	28	33	13
Smyth County	10,979	2,294	265	459	74
Washington County	21,197	4,182	460	760	266
Wythe County	33,808	7,252	847	1,458	498
4. New River Valley	74,107	15,327	1,766	3,053	875
Floyd County	2,769	423	36	52	19
Giles County	14,425	3,003	345	590	176
Montgomery County	45,095	9,533	1,115	1,931	566
Pulaski County	8,894	1,850	213	375	94
Radford City	2,924	518	57	105	20
5. Fifth	205,949	44,395	4,926	8,465	3,461
Alleghany County	10,610	2,155	241	399	121
Botetourt County	14,312	3,030	351	606	178
Clifton Forge City	367	42	2	3	2
Covington City	2,170	381	40	74	20
Craig County	2,560	362	28	30	12
Roanoke City	120,384	26,870	2,909	4,996	2,357

TABLE A.6 (continued)
Tourism-Related Expenditures and Employment in the Planning Districts,
1988

Location	Total Travel Expenditures (000s)	Travel- Generated Payroll (000s)	Travel- Generated Jobs	State Tax Receipts (000s)	Local Tax Receipts (000s)
Roanoke County	\$43,956	\$9,163	1,078	\$1,852	\$632
Salem City	11,590	2,392	277	505	139
6. Central Shenandoah	270,765	57,437	6,672	11,431	3,510
Augusta County	39,201	8,146	931	1,577	469
Bath County	105,262	23,026	2,717	4,684	1,130
Buena Vista City	455	92	11	20	3
Harrisonburg City	39,675	8,554	1,010	1,755	683
Highland County	3,471	473	33	30	14
Lexington City	2,479	448	49	86	37
Rockbridge County	32,741	7,069	827	1,410	482
Rockingham County	19,579	3,751	403	652	232
Staunton City	16,664	3,492	409	724	185
Waynesboro City	11,238	2,386	282	493	275
7. Lord Fairfax	148,242	28,634	3,101	5,042	1,742
Clarke County	2109	303	22	25	11
Frederick County	32,583	6,741	778	1,315	568
Page County	27,100	5,178	553	887	274
Shenandoah County	46,894	8,660	898	1,411	329
Warren County	21,592	3,891	396	611	222
Winchester City	17,964	3,861	454	793	338
8. Northern Virginia	2,018,914	458,595	50,594	79,423	36,642
Alexandria City	344,176	78,393	8,752	13,644	9,492
Arlington County	842,961	195,282	20,572	32,069	15,912
Fairfax City	53,071	10,641	1,300	2,231	766
Fairfax County	538,565	119,346	14,393	22,721	7,223
Falls Church City	2,648	337	31	73	27
Loudoun County	142,927	33,966	3,040	4,667	1,797
Manassas City	21,091	4,675	523	832	333
Manassas Park City	47	3	0	1	0
Prince William County	73,428	15,952	1,983	3,185	1,092
9. Rappahannock- Rapidan	48,025	8,498	864	1,340	407
Culpeper County	12,521	2,457	278	471	118
Fauquier County	15,385	2,962	324	533	163
Madison County	6,159	1,161	122	196	60
Orange County	9,778	1,315	92	89	44
Rappahannock County	4,182	603	48	51	22
10. Thomas Jefferson	155,226	32,398	3,751	6,390	2,892
Albemarle County	37,007	7,890	917	1,563	735
Charlottesville City	54,593	11,320	1,335	2,301	1,405
Fluvanna County	1,815	264	21	28	11
Greene County	2,115	311	25	30	12
Louisa County	5,776	973	92	138	46
Nelson County	53,920	11,640	1,361	2,330	683

TABLE A.6 (continued)
Tourism-Related Expenditures and Employment in the Planning Districts,
1988

Location	Total Travel Expenditures (000s)	Travel- Generated Payroll (000s)	Travel- Generated Jobs	State Tax Receipts (000s)	Local Tax Receipts (000s)
11. Central Virginia	\$90,569	\$18,970	1,843	\$3,061	\$1,911
Amherst County	5,425	1,018	110	181	48
Appomattox County	2,666	431	40	57	17
Bedford City	1,242	220	24	42	14
Bedford County	8,028	1,353	128	185	71
Campbell County	5,579	842	71	110	40
Lynchburg City	67,629	15,106	1,470	2,486	1,721
12. West Piedmont	53,802	9,607	993	1,632	446
Danville City	20,753	4,239	490	872	184
Franklin County	8,042	1,165	92	110	46
Henry County	12,966	2,571	285	474	144
Martinsville City	2,313	254	20	47	18
Patrick County	4,289	645	53	70	27
Pittsylvania County	5,439	733	53	59	27
13. Southside	41,604	6,814	630	898	310
Brunswick County	3,681	499	36	37	17
Halifax County	6,095	1,076	107	160	51
Mecklenburg County	30,621	5,105	479	688	235
South Boston City	1,207	134	8	13	7
14. Piedmont	25,686	4,196	387	563	194
Amelia County	719	126	13	20	7
Buckingham County	5,132	758	60	72	29
Charlotte County	3,944	731	75	123	39
Cumberland County	4,277	582	41	36	17
Lunenburg County	2,810	391	29	31	14
Nottoway County	2,334	395	40	65	21
Prince Edward County	6,470	1,213	129	216	67
15. Richmond Regional	458,828	98,300	11,280	19,475	7,917
Charles City County	824	105	6	4	3
Chesterfield County	69,600	15,018	1,766	3,074	899
Goochland County	1,179	183	17	24	9
Hanover County	39,643	8,389	976	1,674	492
Henrico County	196,537	43,142	4,937	8,557	2,944
New Kent County	2,261	412	43	71	23
Powhatan County	1,375	210	18	24	9
Richmond City	147,409	30,841	3,517	6,047	3,538
16. RADCO	123,302	25,982	3,004	5,103	2,334
Caroline County	15,055	2,971	326	535	162
Fredericksburg City	42,632	9,272	1,101	1,883	1,313
King George County	2,780	376	26	25	13
Spotsylvania County	34,167	7,152	822	1,407	417
Stafford County	28,668	6,211	729	1,253	429

TABLE A.6 (continued)
Tourism-Related Expenditures and Employment In the Planning Districts,
1988

Location	Total Travel Expenditures (000s)	Travel- Generated Payroll (000s)	Travel- Generated Jobs	State Tax Receipts (000s)	Local Tax Receipts (000s)
17. Northern Neck	\$63,333	\$12,172	1,223	\$1,922	\$614
Lancaster County	40,509	8,472	970	1,637	484
Northumberland County	7,860	1,056	73	64	34
Richmond County	3,601	939	40	46	29
Westmoreland County	11,363	1,705	140	175	67
18. Middle Peninsula	22,917	3,748	347	501	174
Essex County	5,938	1,111	117	191	60
Gloucester County	4,428	734	71	108	36
King and Queen County	1,101	175	16	23	8
King William County	1,644	242	20	27	10
Mathews County	5,606	889	78	104	38
Middlesex County	4,200	597	45	48	22
19. Crater	105,333	22,271	2,587	4,440	2,774
Colonial Heights City	1,668	303	34	64	38
Dinwiddie County	2,579	466	47	77	21
Emporia City	16,853	3,685	438	749	620
Greensville County	10,446	2,220	259	434	149
Hopewell City	2,398	438	46	88	48
Petersburg City	42,707	9,158	1,075	1,864	1,554
Prince George County	25,060	5,438	638	1,094	319
Surry County	1,513	228	20	25	9
Sussex County	2,109	335	30	45	16
20. Southeastern Virginia	763,060	165,320	18,657	31,790	27,555
Chesapeake City	35,289	7,458	861	1,501	1,034
Franklin City	253	16	1	7	2
Isle of Wight County	2,314	311	24	36	14
Norfolk City	228,877	50,716	5,235	8,834	6,729
Portsmouth City	28,784	5,922	684	1,193	1,169
Southampton County	2,737	515	53	89	28
Suffolk City	13,257	2,669	305	523	427
Virginia Beach City	451,549	97,713	11,494	19,607	18,152
21. Peninsula	781,009	171,282	20,085	34,702	13,703
Hampton City	94,731	20,347	2,401	4,144	2,828
James City County	162,932	35,973	4,271	7,369	2,505
Newport News City	51,406	10,898	1,056	1,822	1,105
Poquoson City	158	19	1	2	1
Williamsburg City	383,296	84,507	10,037	17,357	5,902
York County	88,486	19,538	2,319	4,008	1,362
22. Accomack-Norhampton	57,003	11,418	1,265	2,079	908
Accomack County	40,936	8,082	885	1,439	687
Norhampton County	16,067	3,336	380	640	221

TABLE A.6 (continued)
Tourism-Related Expenditures and Employment in the Planning Districts,
1988

Location	Total Travel Expenditures (000s)	Travel- Generated Payroll (000s)	Travel- Generated Jobs	State Tax Receipts (000s)	Local Tax Receipts (000s)
23. Hampton Roads	\$1,544,069	\$336,602	38,742	\$66,492	\$41,258
Chesapeake City	35,289	7,458	861	1,501	1,034
Franklin City	253	16	1	7	2
Hampton City	94,731	20,347	2,401	4,144	2,828
Isle of Wight County	2,314	311	24	36	14
James City County	162,932	35,973	4,271	7,369	2,505
Newport News City	51,406	10,898	1,056	1,822	1,105
Norfolk City	228,877	50,716	5,235	8,834	6,729
Poquoson City	158	19	1	2	1
Portsmouth City	28,784	5,922	684	1,193	1,169
Southampton County	2,737	515	53	89	28
Suffolk City	13,257	2,669	305	523	427
Virginia Beach City	451,549	97,713	11,494	19,607	18,152
Williamsburg City	383,296	84,507	10,037	17,357	5,902
York County	88,486	19,538	2,319	4,008	1,362

Note: 'Travel-generated' refers to direct expenditures of tourists on items such as food, lodging, and entertainment. These numbers are generated by a model used by the U.S. Travel Data Center, and they may not be directly comparable with other data in this report.

Source: Virginia Department of Tourism, *1988 Travel in Virginia: An Economic Report* (Richmond, 1989).

TABLE A.7

Announcements of New Plants and Expansions in the Planning Districts, Number by Year, 1980-1989

Year	Total		Manufacturing				Nonmanufacturing			
	Number	Employees	Number		Employees		Number		Employees	
			New	Expansions	New	Expansions	New	Expansions	New	Expansions
Virginia										
1980	99	8,542	39	60	3,872	4,670	0	0	0	0
1981	110	5,761	47	62	1,767	3,964	1	0	30	0
1982	88	4,625	35	51	1,907	2,691	0	2	0	27
1983	154	12,345	46	85	3,140	5,498	14	9	2,507	1,200
1984	206	12,314	68	105	4,556	4,283	20	13	2,775	700
1985	216	17,832	54	92	4,016	4,884	51	19	7,560	1,372
1986	231	25,066	81	87	5,519	3,899	36	27	2,465	13,183
1987	213	16,609	79	76	5,669	4,523	35	23	3,479	2,938
1988	197	13,992	75	72	6,299	2,971	36	14	3,156	1,566
1989	230	13,743	58	105	3,621	3,815	39	28	3,699	2,608
Total	1,744	130,829	582	795	40,366	41,198	232	135	25,671	23,594
1. LENOWISCO										
1980	1	34	0	1	0	34	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0
1982	1	60	0	1	0	60	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0
1984	5	342	3	2	217	125	0	0	0	0
1985	3	170	2	1	120	50	0	0	0	0
1986	1	300	1	0	300	0	0	0	0	0
1987	3	235	2	0	135	0	1	0	100	0
1988	1	52	1	0	52	0	0	0	0	0
1989	5	752	5	0	752	0	0	0	0	0
Total	20	1,945	14	5	1,576	269	1	0	100	0

TABLE A.7 (continued)
Announcements of New Plants and Expansions in the Planning Districts, Number by Year, 1980-1989

Year	Total		Manufacturing				Nonmanufacturing			
	Number	Employees	Number		Employees		Number		Employees	
			New	Expansions	New	Expansions	New	Expansions	New	Expansions
2. Cumberland Plateau										
1980	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0
1983	1	125	0	1	0	125	0	0	0	0
1984	2	120	0	2	0	120	0	0	0	0
1985	3	143	0	3	0	143	0	0	0	0
1986	3	170	1	1	60	60	0	1	0	50
1987	4	340	3	1	315	25	0	0	0	0
1988	4	319	3	1	269	50	0	0	0	0
1989	6	343	2	4	265	78	0	0	0	0
Total	23	1,560	9	13	909	601	0	1	0	50
3. Mount Rogers										
1980	5	190	0	5	0	190	0	0	0	0
1981	4	165	1	3	100	65	0	0	0	0
1982	10	540	3	7	140	400	0	0	0	0
1983	10	779	1	9	10	769	0	0	0	0
1984	17	1,394	8	9	772	622	0	0	0	0
1985	11	724	5	6	220	504	0	0	0	0
1986	6	385	1	4	25	330	0	1	0	30
1987	10	1,301	6	4	681	620	0	0	0	0
1988	19	1,218	7	10	721	488	0	2	0	9
1989	8	748	1	6	150	570	0	1	0	28
Total	100	7,444	33	63	2,819	4,558	0	4	0	67
4. New River Valley										
1980	6	1,540	3	3	1,275	265	0	0	0	0
1981	3	320	1	2	100	220	0	0	0	0
1982	5	522	2	2	462	40	0	1	0	20
1983	1	1,000	0	1	0	1,000	0	0	0	0
1984	4	315	1	3	5	310	0	0	0	0
1985	6	145	1	5	15	130	0	0	0	0

TABLE A.7 (continued)

Announcements of New Plants and Expansions in the Planning Districts, Number by Year, 1980-1989

Year	Total		Manufacturing				Nonmanufacturing			
	Number	Employees	Number		Employees		Number		Employees	
			New	Expansions	New	Expansions	New	Expansions	New	Expansions
1986	3	600	3	0	600	0	0	0	0	0
1987	7	311	2	5	70	241	0	0	0	0
1988	7	179	5	1	69	60	1	0	50	0
1989	5	375	4	1	345	30	0	0	0	0
Total	47	5,307	22	23	2,941	2,296	1	1	50	20
5. Fifth										
1980	3	290	3	0	290	0	0	0	0	0
1981	10	372	3	7	48	324	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0
1983	12	1,622	4	8	705	917	0	0	0	0
1984	8	254	0	7	0	154	0	1	0	100
1985	6	328	2	3	58	60	0	1	0	210
1986	11	528	0	6	0	145	3	2	213	170
1987	11	575	5	5	352	193	1	0	30	0
1988	14	1,446	1	9	10	386	3	1	950	100
1989	16	1,272	3	11	355	655	1	1	50	212
Total	91	6,687	21	56	1,818	2,834	8	6	1,243	792
6. Central Shenandoah										
1980	6	530	1	5	350	180	0	0	0	0
1981	6	590	4	2	300	290	0	0	0	0
1982	4	142	1	3	90	52	0	0	0	0
1983	6	715	1	3	200	80	2	0	435	0
1984	6	221	2	4	81	140	0	0	0	0
1985	5	532	1	3	230	202	1	0	100	0
1986	16	792	7	8	346	426	0	1	0	20
1987	5	250	2	3	230	20	0	0	0	0
1988	9	427	3	4	225	150	2	0	52	0
1989	10	247	5	5	107	140	0	0	0	0
Total	73	4,446	27	40	2,159	1,680	5	1	587	20

TABLE A.7 (continued)
Announcements of New Plants and Expansions in the Planning Districts, Number by Year, 1980-1989

Year	Total		Manufacturing				Nonmanufacturing			
	Number	Employees	Number		Employees		Number		Employees	
			New	Expansions	New	Expansions	New	Expansions	New	Expansions
7. Lord Fairfax										
1980	2	130	0	2	0	130	0	0	0	0
1981	3	192	1	2	150	42	0	0	0	0
1982	4	255	2	2	145	110	0	0	0	0
1983	5	495	1	4	300	195	0	0	0	0
1984	8	373	3	4	100	233	0	1	0	40
1985	10	1,149	5	5	444	705	0	0	0	0
1986	7	720	4	2	530	110	0	1	0	80
1987	8	385	3	4	145	190	1	0	50	0
1988	9	375	5	3	250	125	1	0	0	0
1989	10	374	4	6	252	122	0	0	0	0
Total	66	4,448	28	34	2,316	1,962	2	2	50	120
8. Northern Virginia										
1980	15	2,668	9	6	833	1,835	0	0	0	0
1981	21	1,724	11	10	201	1,523	0	0	0	0
1982	15	1,436	6	9	258	1,178	0	0	0	0
1983	30	2,641	6	16	243	423	4	4	1,450	525
1984	39	3,568	5	15	587	816	15	4	1,980	185
1985	54	5,504	6	2	187	130	36	10	4,368	819
1986	44	13,891	11	8	181	471	14	11	997	12,242
1987	32	4,495	0	2	0	1,040	21	9	1,479	1,976
1988	19	1,767	1	0	25	0	12	6	615	1,127
1989	26	2,533	3	3	26	100	9	11	582	1,825
Total	295	40,227	58	71	2,541	7,516	111	55	11,471	18,699
9. Rappahannock-Rapidan										
1980	1	180	0	1	0	180	0	0	0	0
1981	2	98	1	1	8	90	0	0	0	0
1982	1	35	1	0	35	0	0	0	0	0
1983	3	295	2	1	245	50	0	0	0	0
1984	2	155	1	1	30	125	0	0	0	0
1985	2	265	2	0	265	0	0	0	0	0

TABLE A.7 (continued)

Announcements of New Plants and Expansions in the Planning Districts, Number by Year, 1980-1989

Year	Total		Manufacturing				Nonmanufacturing			
	Number	Employees	Number		Employees		Number		Employees	
			New	Expansions	New	Expansions	New	Expansions	New	Expansions
1986	3	123	3	0	123	0	0	0	0	0
1987	4	102	3	1	62	40	0	0	0	0
1988	2	235	1	0	200	0	1	0	35	0
1989	3	150	0	0	0	0	3	0	150	0
Total	23	1,638	14	5	968	485	4	0	185	0
10. Thomas Jefferson										
1980	2	146	0	2	0	146	0	0	0	0
1981	1	100	1	0	100	0	0	0	0	0
1982	1	45	1	0	45	0	0	0	0	0
1983	4	830	0	4	0	830	0	0	0	0
1984	8	379	4	4	251	128	0	0	0	0
1985	3	85	0	2	0	75	1	0	10	0
1986	4	620	3	1	580	40	0	0	0	0
1987	4	140	2	1	40	90	0	1	0	10
1988	2	110	1	1	10	100	0	0	0	0
1989	6	127	2	4	40	87	0	0	0	0
Total	35	2,582	14	19	1,066	1,496	1	1	10	10
11. Central Virginia										
1980	8	745	2	6	450	295	0	0	0	0
1981	5	170	3	2	70	100	0	0	0	0
1982	5	40	0	5	0	40	0	0	0	0
1983	5	147	1	3	85	45	1	0	17	0
1984	10	755	2	8	600	155	0	0	0	0
1985	7	320	1	5	50	70	1	0	200	0
1986	8	143	1	6	50	93	0	1	0	0
1987	11	232	3	7	100	125	0	1	0	7
1988	9	592	2	5	320	145	1	1	27	100
1989	19	462	4	11	172	140	2	2	110	40
Total	87	3,606	19	58	1,897	1,208	5	5	354	147

TABLE A.7 (continued)
Announcements of New Plants and Expansions in the Planning Districts, Number by Year, 1980-1989

Year	Total		Manufacturing				Nonmanufacturing			
	Number	Employees	Number		Employees		Number		Employees	
			New	Expansions	New	Expansions	New	Expansions	New	Expansions
12. West Piedmont										
1980	4	192	1	3	75	117	0	0	0	0
1981	1	175	0	1	0	175	0	0	0	0
1982	5	240	2	3	162	78	0	0	0	0
1983	5	127	3	2	47	80	0	0	0	0
1984	12	540	4	8	140	400	0	0	0	0
1985	9	746	3	6	450	296	0	0	0	0
1986	13	971	3	9	244	702	1	0	25	0
1987	14	1,020	7	6	905	115	0	1	0	0
1988	11	940	4	6	575	335	1	0	30	0
1989	16	704	6	7	240	337	2	1	27	100
Total	90	5,655	33	51	2,838	2,635	4	2	82	100
13. Southside										
1980	4	200	1	3	80	120	0	0	0	0
1981	5	173	3	2	98	75	0	0	0	0
1982	1	6	1	0	6	0	0	0	0	0
1983	5	270	1	4	40	230	0	0	0	0
1984	7	392	4	3	342	50	0	0	0	0
1985	3	11	0	3	0	11	0	0	0	0
1986	8	293	4	3	113	80	1	0	100	0
1987	7	500	5	2	345	155	0	0	0	0
1988	8	902	6	2	890	12	0	0	0	0
1989	9	510	2	5	120	225	2	0	165	0
Total	57	3,257	27	27	2,034	958	3	0	265	0
14. Piedmont										
1980	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0
1982	1	100	1	0	100	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0
1984	2	15	1	1	15	0	0	0	0	0
1985	1	4	0	1	0	4	0	0	0	0

TABLE A.7 (continued)

Announcements of New Plants and Expansions in the Planning Districts, Number by Year, 1980-1989

Year	Total		Manufacturing				Nonmanufacturing			
	Number	Employees	Number		Employees		Number		Employees	
			New	Expansions	New	Expansions	New	Expansions	New	Expansions
1986	3	460	2	1	450	10	0	0	0	0
1987	8	850	5	2	450	330	1	0	70	0
1988	5	600	4	1	585	15	0	0	0	0
1989	3	130	1	2	100	30	0	0	0	0
Total	23	2,159	14	8	1,700	389	1	0	70	0
15. Richmond Regional										
1980	11	550	6	5	203	347	0	0	0	0
1981	9	365	4	5	115	250	0	0	0	0
1982	16	305	9	7	207	98	0	0	0	0
1983	24	621	12	9	446	125	2	1	35	15
1984	19	828	7	9	172	256	1	2	400	0
1985	21	2,045	8	8	414	310	3	2	1,246	75
1986	20	911	10	5	588	110	2	3	75	138
1987	21	1,906	12	5	911	315	1	3	10	670
1988	15	717	10	2	562	100	3	0	55	0
1989	21	1,205	5	8	160	379	7	1	666	0
Total	177	9,453	83	63	3,778	2,290	19	12	2,487	898
16. RADCO										
1980	5	169	4	1	125	44	0	0	0	0
1981	3	185	3	0	185	0	0	0	0	0
1982	3	320	2	1	220	100	0	0	0	0
1983	4	590	2	1	90	100	1	0	400	0
1984	13	747	7	4	332	140	2	0	275	0
1985	1	20	1	0	20	0	0	0	0	0
1986	9	475	2	1	120	100	6	0	255	0
1987	8	442	4	3	242	175	0	1	0	25
1988	2	85	1	0	45	0	1	0	40	0
1989	4	244	0	3	0	124	1	0	120	0
Total	52	3,277	26	14	1,379	783	11	1	1,090	25

TABLE A.7 (continued)
Announcements of New Plants and Expansions in the Planning Districts, Number by Year, 1980-1989

Year	Total		Manufacturing				Nonmanufacturing			
	Number	Employees	Number		Employees		Number		Employees	
			New	Expansions	New	Expansions	New	Expansions	New	Expansions
17. Northern Neck										
1980	0	0	0	0	0	0	0	0	0	0
1981	1	8	1	0	8	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0
1983	1	3	1	0	3	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0
1986	2	425	0	0	0	0	2	0	425	0
1987	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0
Total	4	436	2	0	11	0	2	0	425	0
18. Middle Peninsula										
1980	1	0	0	1	0	0	0	0	0	0
1981	1	6	0	1	0	6	0	0	0	0
1982	1	0	0	1	0	0	0	0	0	0
1983	3	34	0	3	0	34	0	0	0	0
1984	1	20	1	0	20	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0
1989	3	220	1	1	200	0	1	0	20	0
Total	10	280	2	7	220	40	1	0	20	0
19. Crater										
1980	3	110	2	1	70	40	0	0	0	0
1981	1	30	0	0	0	0	1	0	30	0
1982	1	6	0	1	0	6	0	0	0	0
1983	9	601	5	2	261	110	1	1	30	200
1984	3	84	1	2	47	37	0	0	0	0
1985	3	230	1	1	150	10	1	0	70	0

TABLE A.7 (continued)
Announcements of New Plants and Expansions in the Planning Districts, Number by Year, 1980-1989

Year	Total		Manufacturing				Nonmanufacturing			
	Number	Employees	Number		Employees		Number		Employees	
			New	Expansions	New	Expansions	New	Expansions	New	Expansions
1986	18	952	8	6	463	139	3	1	150	200
1987	5	140	2	0	35	0	2	1	80	25
1988	7	812	6	0	512	0	1	0	300	0
1989	7	470	2	3	155	235	2	0	80	0
Total	57	3,435	27	16	1,693	577	11	3	740	425
20. Southeastern Virginia										
1980	10	155	2	8	30	125	0	0	0	0
1981	13	650	4	9	98	552	0	0	0	0
1982	6	107	1	5	0	107	0	0	0	0
1983	9	153	2	5	12	141	2	0	0	0
1984	32	1,547	10	16	681	421	2	4	120	325
1985	46	2,112	9	27	185	939	5	5	750	238
1986	37	1,545	12	16	358	709	4	5	225	253
1987	23	2,406	7	10	521	290	3	3	1,475	120
1988	40	2,122	10	20	819	313	7	3	960	30
1989	41	2,589	7	18	175	360	8	8	1,714	340
Total	257	13,386	64	134	2,879	3,957	31	28	5,244	1,306
21. Peninsula										
1980	12	713	5	7	91	622	0	0	0	0
1981	21	438	6	15	186	252	0	0	0	0
1982	7	66	3	3	37	22	0	1	0	7
1983	17	1,297	4	9	453	244	1	3	140	460
1984	7	255	3	3	154	51	0	1	0	50
1985	21	2,999	7	10	1,208	945	3	1	816	30
1986	15	762	5	10	388	374	0	0	0	0
1987	28	979	6	15	130	559	4	3	185	105
1988	14	1,094	4	7	160	692	2	1	42	200
1989	11	168	1	6	7	83	1	3	15	63
Total	153	8,771	44	85	2,814	3,844	11	13	1,198	915

TABLE A.7 (continued)
Announcements of New Plants and Expansions in the Planning Districts, Number by Year, 1980-1989

Year	Total		Manufacturing				Nonmanufacturing			
	Number	Employees	Number		Employees		Number		Employees	
			New	Expansions	New	Expansions	New	Expansions	New	Expansions
22. Accomack-Northampton										
1980	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0
1984	1	10	1	0	10	0	0	0	0	0
1985	1	300	0	1	0	300	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0
1989	1	120	0	1	0	120	0	0	0	0
Total	3	430	1	2	10	420	0	0	0	0
23. Hampton Roads										
1980	22	868	7	15	121	747	0	0	0	0
1981	34	1,088	10	24	284	804	0	0	0	0
1982	13	173	4	8	37	129	0	1	0	7
1983	26	1,450	6	14	465	385	3	3	140	460
1984	39	1,802	13	19	835	472	2	5	120	375
1985	67	5,111	16	37	1,393	1,884	8	6	1,566	268
1986	52	2,307	17	26	746	1,083	4	5	225	253
1987	51	3,385	13	25	651	849	7	6	1,660	225
1988	54	3,216	14	27	979	1,005	9	4	1,002	230
1989	52	2,757	8	24	182	443	9	11	1,729	403
Total	410	22,157	108	219	5,693	7,801	42	41	6,442	2,221

Note: Announcements may not reflect actual levels since reporting is voluntary. This information is based on reported planned manufacturing and nonmanufacturing capital and employment expenditures. The primary focus of the data collection process is the manufacturing, rather than the nonmanufacturing, sector.

Source: Virginia Department of Economic Development, *Industrial Developments* (Richmond, annual editions 1980-1989).

TABLE A.8
Announcements of New Plants and Expansions in the LENOWISCO PD,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	20	100.0	1,945	100.0
Manufacturing	19	95.0	1,845	94.9
Food & kindred products	0	0.0	0	0.0
Tobacco products	0	0.0	0	0.0
Textile mill products	0	0.0	0	0.0
Apparel products	10	50.0	1,179	60.6
Lumber & wood products	1	5.0	200	10.3
Furniture & fixtures	3	15.0	305	15.7
Paper & allied products	1	5.0	5	0.3
Printing & publishing	0	0.0	0	0.0
Chemicals & allied products	0	0.0	0	0.0
Petroleum refining & related industries	1	5.0	12	0.6
Rubber & misc. plastic products	0	0.0	0	0.0
Leather & leather products	0	0.0	0	0.0
Stone, clay, glass, & concrete products	0	0.0	0	0.0
Primary metal industries	0	0.0	0	0.0
Fabricated metal products	1	5.0	34	1.7
Indust & commer mach & computer equip	0	0.0	0	0.0
Electronic & electric equip. & components	0	0.0	0	0.0
Transportation equipment	0	0.0	0	0.0
Measurement, analysis, & control instrumnts	2	10.0	110	5.7
Miscellaneous manufacturing	0	0.0	0	0.0
Nonmanufacturing	1	5.0	100	5.1
Agriculture, forestry, & fishing	0	0.0	0	0.0
Mining	0	0.0	0	0.0
Construction	0	0.0	0	0.0
Trans., communic., elec., gas, & sanit. serv.	1	5.0	100	5.1
Wholesale trade	0	0.0	0	0.0
Retail trade	0	0.0	0	0.0
Finance, insurance, & real estate	0	0.0	0	0.0
Services	0	0.0	0	0.0
Public administration	0	0.0	0	0.0
Nonclassifiable	0	0.0	0	0.0

TABLE A.8 (continued)
Announcements of New Plants and Expansions in the
Cumberland Plateau PD,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	23	100.0	1,560	100.0
Manufacturing	22	95.7	1,510	96.8
Food & kindred products	0	0.0	0	0.0
Tobacco products	0	0.0	0	0.0
Textile mill products	2	8.7	120	7.7
Apparel products	9	39.1	762	48.8
Lumber & wood products	1	4.3	60	3.8
Furniture & fixtures	1	4.3	15	1.0
Paper & allied products	0	0.0	0	0.0
Printing & publishing	0	0.0	0	0.0
Chemicals & allied products	0	0.0	0	0.0
Petroleum refining & related industries	0	0.0	0	0.0
Rubber & misc. plastic products	1	4.3	15	1.0
Leather & leather products	0	0.0	0	0.0
Stone, clay, glass, & concrete products	2	8.7	65	4.2
Primary metal industries	0	0.0	0	0.0
Fabricated metal products	3	13.0	323	20.7
Indust & commer mach & computer equip	1	4.3	10	0.6
Electronic & electric equip. & components	0	0.0	0	0.0
Transportation equipment	2	8.7	140	9.0
Measurement, analysis, & control instrumnts	0	0.0	0	0.0
Miscellaneous manufacturing	0	0.0	0	0.0
Nonmanufacturing	1	4.3	50	3.2
Agriculture, forestry, & fishing	0	0.0	0	0.0
Mining	0	0.0	0	0.0
Construction	0	0.0	0	0.0
Trans., communic., elec., gas, & sanit. serv.	1	4.3	50	3.2
Wholesale trade	0	0.0	0	0.0
Retail trade	0	0.0	0	0.0
Finance, insurance, & real estate	0	0.0	0	0.0
Services	0	0.0	0	0.0
Public administration	0	0.0	0	0.0
Nonclassifiable	0	0.0	0	0.0

TABLE A.8 (continued)
Announcements of New Plants and Expansions in the Mount Rogers PD,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	100	100.0	7,444	100.0
Manufacturing	96	96.0	7,377	99.1
Food & kindred products	0	0.0	0	0.0
Tobacco products	0	0.0	0	0.0
Textile mill products	10	10.0	575	7.7
Apparel products	11	11.0	895	12.0
Lumber & wood products	9	9.0	664	8.9
Furniture & fixtures	8	8.0	455	6.1
Paper & allied products	0	0.0	0	0.0
Printing & publishing	0	0.0	0	0.0
Chemicals & allied products	2	2.0	75	1.0
Petroleum refining & related industries	0	0.0	0	0.0
Rubber & misc. plastic products	5	5.0	375	5.0
Leather & leather products	0	0.0	0	0.0
Stone, clay, glass, & concrete products	7	7.0	565	7.6
Primary metal industries	1	1.0	0	0.0
Fabricated metal products	11	11.0	539	7.2
Indust & commer mach & computer equip	11	11.0	1,054	14.2
Electronic & electric equip. & components	9	9.0	614	8.2
Transportation equipment	7	7.0	866	11.6
Measurement, analysis, & control instrumnts	1	1.0	60	0.8
Miscellaneous manufacturing	4	4.0	640	8.6
Nonmanufacturing	4	4.0	67	0.9
Agriculture, forestry, & fishing	0	0.0	0	0.0
Mining	0	0.0	0	0.0
Construction	0	0.0	0	0.0
Trans., communic., elec., gas, & sanit. serv.	1	1.0	30	0.4
Wholesale trade	0	0.0	0	0.0
Retail trade	0	0.0	0	0.0
Finance, insurance, & real estate	0	0.0	0	0.0
Services	3	3.0	37	0.5
Public administration	0	0.0	0	0.0
Nonclassifiable	0	0.0	0	0.0

TABLE A.8 (continued)
Announcements of New Plants and Expansions in the New River Valley PD,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	47	100.0	5,307	100.0
Manufacturing	45	95.7	5,237	98.7
Food & kindred products	0	0.0	0	0.0
Tobacco products	0	0.0	0	0.0
Textile mill products	5	10.6	400	7.5
Apparel products	3	6.4	690	13.0
Lumber & wood products	3	6.4	90	1.7
Furniture & fixtures	3	6.4	340	6.4
Paper & allied products	0	0.0	0	0.0
Printing & publishing	1	2.1	25	0.5
Chemicals & allied products	2	4.3	80	1.5
Petroleum refining & related industries	1	2.1	5	0.1
Rubber & misc. plastic products	2	4.3	66	1.2
Leather & leather products	0	0.0	0	0.0
Stone, clay, glass, & concrete products	2	4.3	50	0.9
Primary metal industries	1	2.1	150	2.8
Fabricated metal products	2	4.3	30	0.6
Indust & commer mach & computer equip	6	12.8	437	8.2
Electronic & electric equip. & components	10	21.3	2,588	48.8
Transportation equipment	3	6.4	186	3.5
Measurement, analysis, & control instrumnts	0	0.0	0	0.0
Miscellaneous manufacturing	1	2.1	100	1.9
Nonmanufacturing	2	4.3	70	1.3
Agriculture, forestry, & fishing	0	0.0	0	0.0
Mining	0	0.0	0	0.0
Construction	0	0.0	0	0.0
Trans., communic., elec., gas, & sanit. serv.	0	0.0	0	0.0
Wholesale trade	1	2.1	50	0.9
Retail trade	0	0.0	0	0.0
Finance, insurance, & real estate	0	0.0	0	0.0
Services	1	2.1	20	0.4
Public administration	0	0.0	0	0.0
Nonclassifiable	0	0.0	0	0.0

TABLE A.8 (continued)
Announcements of New Plants and Expansions in the Fifth PD,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	91	100.0	6,687	100.0
Manufacturing	78	85.7	4,702	70.3
Food & kindred products	4	4.4	118	1.8
Tobacco products	0	0.0	0	0.0
Textile mill products	4	4.4	500	7.5
Apparel products	5	5.6	745	11.1
Lumber & wood products	4	4.4	173	2.6
Furniture & fixtures	2	2.2	55	0.8
Paper & allied products	7	7.7	285	4.3
Printing & publishing	6	6.6	238	3.6
Chemicals & allied products	1	1.1	22	0.3
Petroleum refining & related industries	0	0.0	0	0.0
Rubber & misc. plastic products	6	6.6	540	8.1
Leather & leather products	1	1.1	30	0.4
Stone, clay, glass, & concrete products	4	4.4	190	2.8
Primary metal industries	3	3.3	12	0.2
Fabricated metal products	6	6.6	183	2.7
Indust & commer mach & computer equip	9	9.9	694	10.4
Electronic & electric equip. & components	6	6.6	515	7.7
Transportation equipment	2	2.2	138	2.1
Measurement, analysis, & control instrumnts	5	5.5	108	1.6
Miscellaneous manufacturing	2	2.2	156	2.3
Nonmanufacturing	13	14.3	1,985	29.7
Agriculture, forestry, & fishing	0	0.0	0	0.0
Mining	0	0.0	0	0.0
Construction	0	0.0	0	0.0
Trans., communic., elec., gas, & sanit. serv.	7	7.7	655	9.8
Wholesale trade	0	0.0	0	0.0
Retail trade	3	3.3	950	14.2
Finance, insurance, & real estate	3	3.3	380	5.7
Services	0	0.0	0	0.0
Public administration	0	0.0	0	0.0
Nonclassifiable	0	0.0	0	0.0

TABLE A.8 (continued)
Announcements of New Plants and Expansions in the
Central Shenandoah PD,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	73	100.0	4,446	100.0
Manufacturing	67	91.8	3,839	86.3
Food & kindred products	11	15.1	1,042	23.4
Tobacco products	0	0.0	0	0.0
Textile mill products	6	8.2	370	8.3
Apparel products	6	8.2	365	8.2
Lumber & wood products	2	2.7	30	0.7
Furniture & fixtures	1	1.4	20	0.4
Paper & allied products	2	2.7	62	1.4
Printing & publishing	7	9.6	405	9.1
Chemicals & allied products	4	5.5	341	7.7
Petroleum refining & related industries	0	0.0	0	0.0
Rubber & misc. plastic products	4	5.5	60	1.3
Leather & leather products	0	0.0	0	0.0
Stone, clay, glass, & concrete products	4	5.5	160	3.6
Primary metal industries	3	4.1	207	4.7
Fabricated metal products	6	8.2	280	6.3
Indust & commer mach & computer equip	3	4.1	27	0.6
Electronic & electric equip. & components	1	1.4	60	1.3
Transportation equipment	3	4.1	210	4.7
Measurement, analysis, & control instrumnts	3	4.1	50	1.1
Miscellaneous manufacturing	1	1.4	150	3.4
Nonmanufacturing	6	8.2	607	13.7
Agriculture, forestry, & fishing	0	0.0	0	0.0
Mining	0	0.0	0	0.0
Construction	0	0.0	0	0.0
Trans., communic., elec., gas, & sanit. serv.	3	4.1	432	9.7
Wholesale trade	0	0.0	0	0.0
Retail trade	0	0.0	0	0.0
Finance, insurance, & real estate	0	0.0	0	0.0
Services	3	4.1	175	3.9
Public administration	0	0.0	0	0.0
Nonclassifiable	0	0.0	0	0.0

TABLE A.8 (continued)
Announcements of New Plants and Expansions in the Lord Fairfax PD,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	66	100.0	4,448	100.0
Manufacturing	62	93.9	4,278	96.2
Food & kindred products	5	7.6	234	5.3
Tobacco products	0	0.0	0	0.0
Textile mill products	5	7.6	489	11.0
Apparel products	1	1.5	40	0.9
Lumber & wood products	10	15.2	692	15.6
Furniture & fixtures	1	1.5	0	0.0
Paper & allied products	1	1.5	20	0.4
Printing & publishing	5	7.6	450	10.1
Chemicals & allied products	3	4.5	128	2.9
Petroleum refining & related industries	0	0.0	0	0.0
Rubber & misc. plastic products	10	15.2	765	17.2
Leather & leather products	0	0.0	0	0.0
Stone, clay, glass, & concrete products	3	4.5	15	0.3
Primary metal industries	1	1.5	60	1.3
Fabricated metal products	3	4.5	55	1.2
Indust & commer mach & computer equip	4	6.1	260	5.8
Electronic & electric equip. & components	6	9.1	665	15.0
Transportation equipment	3	4.5	393	8.8
Measurement, analysis, & control instrumnts	0	0.0	0	0.0
Miscellaneous manufacturing	1	1.5	12	0.3
Nonmanufacturing	4	6.1	170	3.8
Agriculture, forestry, & fishing	0	0.0	0	0.0
Mining	0	0.0	0	0.0
Construction	0	0.0	0	0.0
Trans., communic., elec., gas, & sanit. serv.	3	4.5	130	2.9
Wholesale trade	0	0.0	0	0.0
Retail trade	0	0.0	0	0.0
Finance, insurance, & real estate	0	0.0	0	0.0
Services	1	1.5	40	0.9
Public administration	0	0.0	0	0.0
Nonclassifiable	0	0.0	0	0.0

TABLE A.8 (continued)

Announcements of New Plants and Expansions in the Northern Virginia PD,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	295	100.0	40,227	100.0
Manufacturing	131	44.4	10,157	25.2
Food & kindred products	2	0.7	256	0.6
Tobacco products	0	0.0	0	0.0
Textile mill products	1	0.3	35	0.1
Apparel products	1	0.3	50	0.1
Lumber & wood products	8	2.7	272	0.7
Furniture & fixtures	3	1.0	129	0.3
Paper & allied products	1	0.3	5	0.0
Printing & publishing	19	6.4	1,040	2.6
Chemicals & allied products	2	0.7	60	0.1
Petroleum refining & related industries	1	0.3	1,000	2.5
Rubber & misc. plastic products	3	1.0	73	0.2
Leather & leather products	0	0.0	0	0.0
Stone, clay, glass, & concrete products	9	3.1	365	0.9
Primary metal industries	1	0.3	6	0.0
Fabricated metal products	12	4.1	253	0.6
Indust & commer mach & computer equip	17	5.8	1,296	3.2
Electronic & electric equip. & components	36	12.2	4,502	11.2
Transportation equipment	7	2.4	434	1.1
Measurement, analysis, & control instrumnts	7	2.4	378	0.9
Miscellaneous manufacturing	1	0.3	3	0.0
Nonmanufacturing	164	55.6	30,070	74.8
Agriculture, forestry, & fishing	0	0.0	0	0.0
Mining	0	0.0	0	0.0
Construction	2	0.7	35	0.1
Trans., communic., elec., gas, & sanit. serv.	17	5.8	4,355	10.8
Wholesale trade	1	0.3	50	0.1
Retail trade	2	0.7	430	1.1
Finance, insurance, & real estate	9	3.1	1,746	4.3
Services	129	43.7	22,919	57.0
Public administration	1	0.3	400	1.0
Nonclassifiable	3	1.0	135	0.3

TABLE A.8 (continued)
Announcements of New Plants and Expansions in the
Rappahannock-Rapidan PD,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	23	100.0	1,638	100.0
Manufacturing	9	82.6	1,453	88.7
Food & kindred products	2	8.7	50	3.1
Tobacco products	0	0.0	0	0.0
Textile mill products	1	4.3	100	6.1
Apparel products	0	0.0	0	0.0
Lumber & wood products	4	17.4	168	10.3
Furniture & fixtures	1	4.3	35	2.1
Paper & allied products	0	0.0	0	0.0
Printing & publishing	2	8.7	90	5.5
Chemicals & allied products	0	0.0	0	0.0
Petroleum refining & related industries	0	0.0	0	0.0
Rubber & misc. plastic products	3	13.0	320	19.5
Leather & leather products	0	0.0	0	0.0
Stone, clay, glass, & concrete products	2	8.7	10	0.6
Primary metal industries	0	0.0	0	0.0
Fabricated metal products	0	0.0	0	0.0
Indust & commer mach & computer equip	0	0.0	0	0.0
Electronic & electric equip. & components	1	4.3	125	7.6
Transportation equipment	3	13.0	555	33.9
Measurement, analysis, & control instrumnts	0	0.0	0	0.0
Miscellaneous manufacturing	0	0.0	0	0.0
Nonmanufacturing	4	17.4	185	11.3
Agriculture, forestry, & fishing	0	0.0	0	0.0
Mining	0	0.0	0	0.0
Construction	0	0.0	0	0.0
Trans., communic., elec., gas, & sanit. serv.	2	8.7	50	3.1
Wholesale trade	2	8.7	135	8.2
Retail trade	0	0.0	0	0.0
Finance, insurance, & real estate	0	0.0	0	0.0
Services	0	0.0	0	0.0
Public administration	0	0.0	0	0.0
Nonclassifiable	0	0.0	0	0.0

TABLE A.8 (continued)
Announcements of New Plants and Expansions in the
Thomas Jefferson PD,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	35	100.0	2,582	100.0
Manufacturing	33	94.3	2,562	99.2
Food & kindred products	4	11.4	276	10.7
Tobacco products	0	0.0	0	0.0
Textile mill products	3	8.6	160	6.2
Apparel products	2	5.7	90	3.5
Lumber & wood products	3	8.6	20	0.8
Furniture & fixtures	1	2.9	200	7.7
Paper & allied products	1	2.9	10	0.4
Printing & publishing	2	5.7	75	2.9
Chemicals & allied products	1	2.9	100	3.9
Petroleum refining & related industries	0	0.0	0	0.0
Rubber & misc. plastic products	5	14.3	315	12.2
Leather & leather products	0	0.0	0	0.0
Stone, clay, glass, & concrete products	2	5.7	130	5.0
Primary metal industries	0	0.0	0	0.0
Fabricated metal products	1	2.9	46	1.8
Indust & commer mach & computer equip	4	11.4	200	7.7
Electronic & electric equip. & components	4	11.4	940	36.4
Transportation equipment	0	0.0	0	0.0
Measurement, analysis, & control instrumnts	0	0.0	0	0.0
Miscellaneous manufacturing	0	0.0	0	0.0
Nonmanufacturing	2	5.7	20	0.8
Agriculture, forestry, & fishing	0	0.0	0	0.0
Mining	0	0.0	0	0.0
Construction	0	0.0	0	0.0
Trans., communic., elec., gas, & sanit. serv.	0	0.0	0	0.0
Wholesale trade	0	0.0	0	0.0
Retail trade	0	0.0	0	0.0
Finance, insurance, & real estate	0	0.0	0	0.0
Services	2	5.7	20	0.8
Public administration	0	0.0	0	0.0
Nonclassifiable	0	0.0	0	0.0

TABLE A.8 (continued)
Announcements of New Plants and Expansions in the Central Virginia PD,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	87	100.0	3,606	100.0
Manufacturing	77	88.5	3,105	86.1
Food & kindred products	6	6.9	210	5.8
Tobacco products	0	0.0	0	0.0
Textile mill products	2	2.3	50	1.4
Apparel products	2	2.3	90	2.5
Lumber & wood products	5	5.7	390	10.8
Furniture & fixtures	2	2.3	50	1.4
Paper & allied products	2	2.3	107	3.0
Printing & publishing	6	6.9	70	1.9
Chemicals & allied products	6	6.9	145	4.0
Petroleum refining & related industries	0	0.0	0	0.0
Rubber & misc. plastic products	11	12.6	339	9.4
Leather & leather products	0	0.0	0	0.0
Stone, clay, glass, & concrete products	1	1.1	50	1.4
Primary metal industries	5	5.7	54	1.5
Fabricated metal products	5	5.7	118	3.3
Indust & commer mach & computer equip	12	13.8	304	8.4
Electronic & electric equip. & components	7	8.0	873	24.2
Transportation equipment	0	0.0	0	0.0
Measurement, analysis, & control instrumnts	3	3.4	175	4.9
Miscellaneous manufacturing	2	2.3	80	2.2
Nonmanufacturing	10	11.5	501	13.9
Agriculture, forestry, & fishing	0	0.0	0	0.0
Mining	0	0.0	0	0.0
Construction	0	0.0	0	0.0
Trans., communic., elec., gas, & sanit. serv.	4	4.6	289	8.0
Wholesale trade	1	1.1	45	1.2
Retail trade	2	2.3	140	3.9
Finance, insurance, & real estate	1	1.1	0	0.0
Services	1	1.1	27	0.7
Public administration	0	0.0	0	0.0
Nonclassifiable	1	1.1	0	0.0

TABLE A.8 (continued)
Announcements of New Plants and Expansions in the West Piedmont PD,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	90	100.0	5,655	100.0
Manufacturing	84	93.3	5,473	96.8
Food & kindred products	1	1.1	150	2.7
Tobacco products	0	0.0	0	0.0
Textile mill products	28	31.1	2,431	43.0
Apparel products	8	8.9	1,040	18.4
Lumber & wood products	8	8.9	189	3.3
Furniture & fixtures	3	3.3	80	1.4
Paper & allied products	4	4.4	181	3.2
Printing & publishing	2	2.2	12	0.2
Chemicals & allied products	4	4.4	94	1.7
Petroleum refining & related industries	0	0.0	0	0.0
Rubber & misc. plastic products	7	7.8	217	3.8
Leather & leather products	1	1.1	225	4.0
Stone, clay, glass, & concrete products	5	5.6	167	3.0
Primary metal industries	0	0.0	0	0.0
Fabricated metal products	4	4.4	188	3.3
Indust & commer mach & computer equip	2	2.2	7	0.1
Electronic & electric equip. & components	3	3.3	360	6.4
Transportation equipment	3	3.3	107	1.9
Measurement, analysis, & control instrumnts	1	1.1	25	0.4
Miscellaneous manufacturing	0	0.0	0	0.0
Nonmanufacturing	6	6.7	182	3.2
Agriculture, forestry, & fishing	1	1.1	30	0.5
Mining	0	0.0	0	0.0
Construction	0	0.0	0	0.0
Trans., communic., elec., gas, & sanit. serv.	4	4.4	52	0.9
Wholesale trade	0	0.0	0	0.0
Retail trade	0	0.0	0	0.0
Finance, insurance, & real estate	1	1.1	100	1.8
Services	0	0.0	0	0.0
Public administration	0	0.0	0	0.0
Nonclassifiable	0	0.0	0	0.0

TABLE A.8 (continued)
Announcements of New Plants and Expansions in the Southside PD,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	57	100.0	3,257	100.0
Manufacturing	54	94.7	2,992	91.9
Food & kindred products	3	5.3	100	3.1
Tobacco products	0	0.0	0	0.0
Textile mill products	10	17.5	402	12.3
Apparel products	8	14.0	458	14.1
Lumber & wood products	5	8.8	326	10.0
Furniture & fixtures	5	8.8	520	16.0
Paper & allied products	0	0.0	0	0.0
Printing & publishing	0	0.0	0	0.0
Chemicals & allied products	1	1.8	8	0.2
Petroleum refining & related industries	0	0.0	0	0.0
Rubber & misc. plastic products	6	10.5	292	9.0
Leather & leather products	2	3.5	310	9.5
Stone, clay, glass, & concrete products	5	8.8	275	8.4
Primary metal industries	1	1.8	50	1.5
Fabricated metal products	3	5.3	120	3.7
Indust & commer mach & computer equip	3	5.3	61	1.9
Electronic & electric equip. & components	0	0.0	0	0.0
Transportation equipment	1	1.8	30	0.9
Measurement, analysis, & control instrumnts	0	0.0	0	0.0
Miscellaneous manufacturing	1	1.8	40	1.2
Nonmanufacturing	3	5.3	265	8.1
Agriculture, forestry, & fishing	0	0.0	0	0.0
Mining	0	0.0	0	0.0
Construction	0	0.0	0	0.0
Trans., communic., elec., gas, & sanit. serv.	3	5.3	265	8.1
Wholesale trade	0	0.0	0	0.0
Retail trade	0	0.0	0	0.0
Finance, insurance, & real estate	0	0.0	0	0.0
Services	0	0.0	0	0.0
Public administration	0	0.0	0	0.0
Nonclassifiable	0	0.0	0	0.0

TABLE A.8 (continued)
Announcements of New Plants and Expansions in the Piedmont PD,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	23	100.0	2,159	100.0
Manufacturing	22	95.7	2,089	96.8
Food & kindred products	3	13.0	34	1.6
Tobacco products	0	0.0	0	0.0
Textile mill products	4	17.4	600	27.8
Apparel products	1	4.3	100	4.6
Lumber & wood products	1	4.3	15	0.7
Furniture & fixtures	4	17.4	640	29.6
Paper & allied products	0	0.0	0	0.0
Printing & publishing	0	0.0	0	0.0
Chemicals & allied products	0	0.0	0	0.0
Petroleum refining & related industries	0	0.0	0	0.0
Rubber & misc. plastic products	1	4.3	200	9.3
Leather & leather products	5	21.7	450	20.8
Stone, clay, glass, & concrete products	0	0.0	0	0.0
Primary metal industries	0	0.0	0	0.0
Fabricated metal products	1	4.3	25	1.2
Indust & commer mach & computer equip	1	4.3	10	0.5
Electronic & electric equip. & components	1	4.3	15	0.7
Transportation equipment	0	0.0	0	0.0
Measurement, analysis, & control instrumnts	0	0.0	0	0.0
Miscellaneous manufacturing	0	0.0	0	0.0
Nonmanufacturing	1	4.3	70	3.2
Agriculture, forestry, & fishing	0	0.0	0	0.0
Mining	0	0.0	0	0.0
Construction	0	0.0	0	0.0
Trans., communic., elec., gas, & sanit. serv.	1	4.3	70	3.2
Wholesale trade	0	0.0	0	0.0
Retail trade	0	0.0	0	0.0
Finance, insurance, & real estate	0	0.0	0	0.0
Services	0	0.0	0	0.0
Public administration	0	0.0	0	0.0
Nonclassifiable	0	0.0	0	0.0

TABLE A.8 (continued)
Announcements of New Plants and Expansions in the
Richmond Regional PD,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	177	100.0	9,453	100.0
Manufacturing	146	82.5	6,068	64.2
Food & kindred products	8	4.5	407	4.3
Tobacco products	5	2.8	635	6.7
Textile mill products	5	2.8	200	2.1
Apparel products	6	3.4	244	2.6
Lumber & wood products	5	2.8	203	2.1
Furniture & fixtures	4	2.3	155	1.6
Paper & allied products	7	4.0	54	0.6
Printing & publishing	11	6.2	355	3.8
Chemicals & allied products	18	10.2	550	5.8
Petroleum refining & related industries	2	1.1	25	0.3
Rubber & misc. plastic products	10	5.6	746	7.9
Leather & leather products	0	0.0	0	0.0
Stone, clay, glass, & concrete products	9	5.1	188	2.0
Primary metal industries	6	3.4	110	1.2
Fabricated metal products	10	5.6	269	2.8
Indust & commer mach & computer equip	17	9.6	267	2.8
Electronic & electric equip. & components	9	5.1	840	8.9
Transportation equipment	4	2.3	280	3.0
Measurement, analysis, & control instrumnts	4	2.3	92	1.0
Miscellaneous manufacturing	6	3.4	448	4.7
Nonmanufacturing	31	17.5	3,385	35.8
Agriculture, forestry, & fishing	0	0.0	0	0.0
Mining	0	0.0	0	0.0
Construction	0	0.0	0	0.0
Trans., communic., elec., gas, & sanit. serv.	13	7.3	1,801	19.1
Wholesale trade	4	2.3	140	1.5
Retail trade	3	1.7	1,038	11.0
Finance, insurance, & real estate	2	1.1	35	0.4
Services	8	4.5	371	3.9
Public administration	0	0.0	0	0.0
Nonclassifiable	1	0.6	0	0.0

TABLE A.8 (continued)
Announcements of New Plants and Expansions in the RADCO PD,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	52	100.0	3,277	100.0
Manufacturing	40	76.9	2,162	66.0
Food & kindred products	2	3.8	124	3.8
Tobacco products	0	0.0	0	0.0
Textile mill products	0	0.0	0	0.0
Apparel products	1	1.9	100	3.1
Lumber & wood products	8	15.4	579	17.7
Furniture & fixtures	1	1.9	90	2.7
Paper & allied products	0	0.0	0	0.0
Printing & publishing	4	7.7	245	7.5
Chemicals & allied products	0	0.0	0	0.0
Petroleum refining & related industries	2	3.8	75	2.3
Rubber & misc. plastic products	4	7.7	68	2.1
Leather & leather products	0	0.0	0	0.0
Stone, clay, glass, & concrete products	3	5.8	300	9.2
Primary metal industries	3	5.8	172	5.2
Fabricated metal products	3	5.8	159	4.9
Indust & commer mach & computer equip	5	9.6	194	5.9
Electronic & electric equip. & components	1	1.9	11	0.3
Transportation equipment	2	3.8	30	0.9
Measurement, analysis, & control instrumnts	1	1.9	15	0.5
Miscellaneous manufacturing	0	0.0	0	0.0
Nonmanufacturing	12	23.1	1,115	34.0
Agriculture, forestry, & fishing	0	0.0	0	0.0
Mining	0	0.0	0	0.0
Construction	0	0.0	0	0.0
Trans., communic., elec., gas, & sanit. serv.	8	15.4	760	23.2
Wholesale trade	0	0.0	0	0.0
Retail trade	1	1.9	40	1.2
Finance, insurance, & real estate	0	0.0	0	0.0
Services	2	3.8	275	8.4
Public administration	1	1.9	40	1.2
Nonclassifiable	0	0.0	0	0.0

TABLE A.8 (continued)
Announcements of New Plants and Expansions in the Northern Neck PD,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	4	100.0	436	100.0
Manufacturing	2	50.0	11	2.5
Food & kindred products	1	25.0	8	1.8
Tobacco products	0	0.0	0	0.0
Textile mill products	0	0.0	0	0.0
Apparel products	1	25.0	3	0.7
Lumber & wood products	0	0.0	0	0.0
Furniture & fixtures	0	0.0	0	0.0
Paper & allied products	0	0.0	0	0.0
Printing & publishing	0	0.0	0	0.0
Chemicals & allied products	0	0.0	0	0.0
Petroleum refining & related industries	0	0.0	0	0.0
Rubber & misc. plastic products	0	0.0	0	0.0
Leather & leather products	0	0.0	0	0.0
Stone, clay, glass, & concrete products	0	0.0	0	0.0
Primary metal industries	0	0.0	0	0.0
Fabricated metal products	0	0.0	0	0.0
Indust & commer mach & computer equip	0	0.0	0	0.0
Electronic & electric equip. & components	0	0.0	0	0.0
Transportation equipment	0	0.0	0	0.0
Measurement, analysis, & control instrumnts	0	0.0	0	0.0
Miscellaneous manufacturing	0	0.0	0	0.0
Nonmanufacturing	2	50.0	425	97.5
Agriculture, forestry, & fishing	0	0.0	0	0.0
Mining	0	0.0	0	0.0
Construction	0	0.0	0	0.0
Trans., communic., elec., gas, & sanit. serv.	1	25.0	75	17.2
Wholesale trade	0	0.0	0	0.0
Retail trade	1	25.0	350	80.3
Finance, insurance, & real estate	0	0.0	0	0.0
Services	0	0.0	0	0.0
Public administration	0	0.0	0	0.0
Nonclassifiable	0	0.0	0	0.0

TABLE A.8 (continued)
Announcements of New Plants and Expansions in the Middle Peninsula PD,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	10	100.0	280	100.0
Manufacturing	9	90.0	260	92.9
Food & kindred products	0	0.0	0	0.0
Tobacco products	0	0.0	0	0.0
Textile mill products	0	0.0	0	0.0
Apparel products	2	20.0	40	14.3
Lumber & wood products	1	10.0	20	7.1
Furniture & fixtures	0	0.0	0	0.0
Paper & allied products	5	50.0	0	0.0
Printing & publishing	0	0.0	0	0.0
Chemicals & allied products	0	0.0	0	0.0
Petroleum refining & related industries	0	0.0	0	0.0
Rubber & misc. plastic products	0	0.0	0	0.0
Leather & leather products	0	0.0	0	0.0
Stone, clay, glass, & concrete products	0	0.0	0	0.0
Primary metal industries	0	0.0	0	0.0
Fabricated metal products	0	0.0	0	0.0
Indust & commer mach & computer equip	0	0.0	0	0.0
Electronic & electric equip. & components	0	0.0	0	0.0
Transportation equipment	0	0.0	0	0.0
Measurement, analysis, & control instrumnts	1	10.0	200	71.4
Miscellaneous manufacturing	0	0.0	0	0.0
Nonmanufacturing	1	10.0	20	7.1
Agriculture, forestry, & fishing	0	0.0	0	0.0
Mining	0	0.0	0	0.0
Construction	1	10.0	20	7.1
Trans., communic., elec., gas, & sanit. serv.	0	0.0	0	0.0
Wholesale trade	0	0.0	0	0.0
Retail trade	0	0.0	0	0.0
Finance, insurance, & real estate	0	0.0	0	0.0
Services	0	0.0	0	0.0
Public administration	0	0.0	0	0.0
Nonclassifiable	0	0.0	0	0.0

TABLE A.8 (continued)
Announcements of New Plants and Expansions in the Crater PD,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	56	100.0	3,135	100.0
Manufacturing	42	75.0	1,970	62.8
Food & kindred products	4	7.1	395	12.6
Tobacco products	1	1.8	12	0.4
Textile mill products	1	1.8	10	0.3
Apparel products	4	7.1	202	6.4
Lumber & wood products	7	12.5	334	10.7
Furniture & fixtures	2	3.6	70	2.2
Paper & allied products	0	0.0	0	0.0
Printing & publishing	0	0.0	0	0.0
Chemicals & allied products	12	21.4	206	6.6
Petroleum refining & related industries	0	0.0	0	0.0
Rubber & misc. plastic products	1	1.8	40	1.3
Leather & leather products	1	1.8	70	2.2
Stone, clay, glass, & concrete products	1	1.8	150	4.8
Primary metal industries	0	0.0	0	0.0
Fabricated metal products	4	7.1	179	5.7
Indust & commer mach & computer equip	3	5.4	222	7.1
Electronic & electric equip. & components	0	0.0	0	0.0
Transportation equipment	0	0.0	0	0.0
Measurement, analysis, & control instrumnts	1	1.8	80	2.6
Miscellaneous manufacturing	0	0.0	0	0.0
Nonmanufacturing	14	25.0	1,165	37.2
Agriculture, forestry, & fishing	0	0.0	0	0.0
Mining	1	1.8	30	1.0
Construction	2	3.6	75	2.4
Trans., communic., elec., gas, & sanit. serv.	9	16.1	560	17.9
Wholesale trade	1	1.8	300	9.6
Retail trade	0	0.0	0	0.0
Finance, insurance, & real estate	0	0.0	0	0.0
Services	1	1.8	200	6.4
Public administration	0	0.0	0	0.0
Nonclassifiable	0	0.0	0	0.0

TABLE A.8 (continued)
Announcements of New Plants and Expansions in the
Southeastern Virginia PD,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	257	100.0	13,386	100.0
Manufacturing	198	77.0	6,836	51.1
Food & kindred products	29	11.3	866	6.5
Tobacco products	0	0.0	0	0.0
Textile mill products	4	1.6	186	1.4
Apparel products	4	1.6	112	0.8
Lumber & wood products	10	3.9	81	0.6
Furniture & fixtures	7	2.7	171	1.3
Paper & allied products	5	1.9	72	0.5
Printing & publishing	4	1.6	66	0.5
Chemicals & allied products	13	5.1	335	2.5
Petroleum refining & related industries	1	0.4	15	0.1
Rubber & misc. plastic products	11	4.3	393	2.9
Leather & leather products	1	0.4	0	0.0
Stone, clay, glass, & concrete products	11	4.3	253	1.9
Primary metal industries	4	1.6	20	0.1
Fabricated metal products	17	6.6	312	2.3
Indust & commer mach & computer equip	25	9.7	572	4.3
Electronic & electric equip. & components	7	2.7	873	6.5
Transportation equipment	30	11.7	2,215	16.5
Measurement, analysis, & control instrumnts	4	1.6	31	0.2
Miscellaneous manufacturing	11	4.3	263	2.0
Nonmanufacturing	59	23.0	6,550	48.9
Agriculture, forestry, & fishing	0	0.0	0	0.0
Mining	0	0.0	0	0.0
Construction	1	0.4	40	0.3
Trans., communic., elec., gas, & sanit. serv.	22	8.6	2,137	16.0
Wholesale trade	6	2.3	260	1.9
Retail trade	2	0.8	470	3.5
Finance, insurance, & real estate	3	1.2	1,400	10.5
Services	20	7.8	1,973	14.7
Public administration	1	0.4	30	0.2
Nonclassifiable	0	0.0	240	1.8

TABLE A.8 (continued)
Announcements of New Plants and Expansions in the Peninsula PD,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	153	86.4	8,771	100.0
Manufacturing	129	84.3	6,658	75.9
Food & kindred products	11	7.2	253	2.9
Tobacco products	0	0.0	0	0.0
Textile mill products	1	0.7	0	0.0
Apparel products	6	3.9	335	3.8
Lumber & wood products	4	2.6	81	0.9
Furniture & fixtures	1	0.7	40	0.5
Paper & allied products	4	2.6	211	2.4
Printing & publishing	3	2.0	66	0.8
Chemicals & allied products	9	5.9	214	2.4
Petroleum refining & related industries	2	1.3	50	0.6
Rubber & misc. plastic products	8	5.2	431	4.9
Leather & leather products	0	0.0	0	0.0
Stone, clay, glass, & concrete products	8	5.2	83	0.9
Primary metal industries	3	2.0	728	8.3
Fabricated metal products	7	4.6	216	2.5
Indust & commer mach & computer equip	30	19.6	2,258	25.7
Electronic & electric equip. & components	7	4.6	210	2.4
Transportation equipment	10	6.5	705	8.0
Measurement, analysis, & control instrumnts	10	6.5	633	7.2
Miscellaneous manufacturing	5	3.3	144	1.6
Nonmanufacturing	24	15.7	2,113	24.1
Agriculture, forestry, & fishing	0	0.0	0	0.0
Mining	0	0.0	0	0.0
Construction	0	0.0	0	0.0
Trans., communic., elec., gas, & sanit. serv.	9	5.9	1,304	14.9
Wholesale trade	3	2.0	87	1.0
Retail trade	1	0.7	200	2.3
Finance, insurance, & real estate	0	0.0	0	0.0
Services	11	7.2	522	6.0
Public administration	0	0.0	0	0.0
Nonclassifiable	0	0.0	0	0.0

TABLE A.8 (continued)
Announcements of New Plants and Expansions in the
Accomack-Northampton PD,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	3	100.0	430	100.0
Manufacturing	3	100.0	430	100.0
Food & kindred products	2	66.7	420	97.7
Tobacco products	0	0.0	0	0.0
Textile mill products	0	0.0	0	0.0
Apparel products	0	0.0	0	0.0
Lumber & wood products	0	0.0	0	0.0
Furniture & fixtures	0	0.0	0	0.0
Paper & allied products	0	0.0	0	0.0
Printing & publishing	0	0.0	0	0.0
Chemicals & allied products	0	0.0	0	0.0
Petroleum refining & related industries	0	0.0	0	0.0
Rubber & misc. plastic products	0	0.0	0	0.0
Leather & leather products	0	0.0	0	0.0
Stone, clay, glass, & concrete products	0	0.0	0	0.0
Primary metal industries	0	0.0	0	0.0
Fabricated metal products	1	33.3	10	2.3
Indust & commer mach & computer equip	0	0.0	0	0.0
Electronic & electric equip. & components	0	0.0	0	0.0
Transportation equipment	0	0.0	0	0.0
Measurement, analysis, & control instrumnts	0	0.0	0	0.0
Miscellaneous manufacturing	0	0.0	0	0.0
Nonmanufacturing	0	0.0	0	0.0
Agriculture, forestry, & fishing	0	0.0	0	0.0
Mining	0	0.0	0	0.0
Construction	0	0.0	0	0.0
Trans., commun., elec., gas, & sanit. serv.	0	0.0	0	0.0
Wholesale trade	0	0.0	0	0.0
Retail trade	0	0.0	0	0.0
Finance, insurance, & real estate	0	0.0	0	0.0
Services	0	0.0	0	0.0
Public administration	0	0.0	0	0.0
Nonclassifiable	0	0.0	0	0.0

TABLE A.8 (continued)
Announcements of New Plants and Expansions in the Hampton Roads PD,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	410	100.0	22,157	100.0
Manufacturing	327	79.8	13,494	60.9
Food & kindred products	40	9.8	1,119	5.1
Tobacco products	0	0.0	0	0.0
Textile mill products	5	1.2	186	0.8
Apparel products	10	2.4	447	2.0
Lumber & wood products	14	3.4	162	0.7
Furniture & fixtures	8	2.0	211	1.0
Paper & allied products	9	2.2	283	1.3
Printing & publishing	7	1.7	132	0.6
Chemicals & allied products	22	5.4	549	2.5
Petroleum refining & related industries	3	0.7	65	0.3
Rubber & misc. plastic products	19	4.6	824	3.7
Leather & leather products	1	0.2	0	0.0
Stone, clay, glass, & concrete products	19	4.6	336	1.5
Primary metal industries	7	1.7	748	3.4
Fabricated metal products	24	5.9	528	2.4
Indust & comm mach & computer equip	55	13.4	2,830	12.8
Electronic & electric eq. & components	14	3.4	1,083	4.9
Transportation equipment	40	9.8	2,920	13.2
Measurement, analysis, & control instruments	14	3.4	664	3.0
Miscellaneous manufacturing	16	3.9	407	1.8
Nonmanufacturing	83	20.2	8,663	39.1
Agriculture, forestry, & fishing	0	0.0	0	0.0
Mining	0	0.0	0	0.0
Construction	1	0.2	40	0.2
Trans., comm., elec., gas, & sanit. serv.	31	7.6	3,441	15.5
Wholesale trade	9	2.2	347	1.6
Retail trade	3	0.7	670	3.0
Finance, insurance, & real estate	3	0.7	1,400	6.3
Services	31	7.6	2,495	11.3
Public administration	1	0.2	30	0.1
Nonclassifiable	0	0.0	240	1.1

Note: Announcements may not reflect actual levels since reporting is voluntary. This information is based on reported planned manufacturing and nonmanufacturing capital and employment expenditures. The primary focus of the data collection process is the manufacturing, rather than the nonmanufacturing, sector.

Source: Virginia Department of Economic Development, *Industrial Developments* (Richmond, annual editions 1980-1989).

TABLE A.9
Labor Force Participation Rates in the Planning Districts, 1980

	Total	Female	Male
U.S.	62.0%	49.9%	75.1%
Virginia	64.1	52.4	76.7
1. LENOWISCO	46.6	31.5	63.2
Lee County	44.7	30.3	60.4
Norton City	49.3	35.1	67.1
Scott County	46.4	31.0	63.1
Wise County	47.7	32.1	64.4
2. Cumberland Plateau	48.2	30.8	66.5
Buchanan County	46.9	28.6	65.4
Dickenson County	42.0	22.6	62.2
Russell County	48.4	31.1	66.1
Tazewell County	51.4	35.1	69.3
3. Mount Rogers	58.2	46.9	70.8
Bland County	52.0	43.8	59.2
Bristol City	57.2	45.6	72.7
Carroll County	60.0	50.3	70.4
Galax City	58.5	48.6	70.5
Grayson County	60.0	49.4	71.8
Smyth County	57.0	46.2	69.2
Washington County	57.3	43.6	72.0
Wythe County	60.4	49.5	72.7
4. New River Valley	56.5	47.8	65.3
Floyd County	57.9	45.5	70.3
Giles County	57.5	45.7	70.1
Montgomery County	54.0	48.9	58.7
Pulaski County	61.9	49.7	75.3
Radford City	52.6	44.0	66.0
5. Fifth	60.4	48.9	73.9
Alleghany County	56.4	39.7	73.6
Botetourt County	60.6	46.7	74.8
Clifton Forge City	52.2	40.3	67.9
Covington City	54.0	41.9	68.0
Craig County	57.5	44.7	70.7
Roanoke City	58.8	48.6	71.6
Roanoke County	65.2	52.1	80.0
Salem City	60.0	52.6	68.2

TABLE A.9 (continued)
Labor Force Participation Rates in the Planning Districts, 1980

	Total	Female	Male
6. Central Shenandoah	60.7%	50.0%	72.2%
Augusta County	61.5	49.4	74.3
Bath County	64.9	50.6	77.6
Buena Vista City	62.5	50.2	77.5
Harrisonburg City	54.2	48.5	61.1
Highland County	56.8	41.3	72.6
Lexington City	40.0	42.8	38.4
Rockbridge County	59.4	46.4	72.6
Rockingham County	64.9	52.5	78.2
Staunton City	60.3	51.6	71.1
Waynesboro City	63.9	50.9	79.1
7. Lord Fairfax	62.0	49.3	76.0
Clarke County	61.4	48.4	75.6
Frederick County	66.6	53.1	80.4
Page County	58.1	45.3	71.9
Shenandoah County	61.3	48.4	75.3
Warren County	60.5	47.5	75.1
Winchester City	61.4	50.5	74.6
8. Northern Virginia	73.1	62.2	84.8
Alexandria City	74.5	66.5	83.9
Arlington County	72.0	64.2	80.7
Fairfax City	72.2	62.5	82.3
Fairfax County	73.2	61.7	85.1
Falls Church City	67.7	57.8	79.1
Loudoun County	70.3	57.0	84.4
Manassas City	72.0	57.6	87.5
Manassas Park City	72.2	62.3	82.3
Prince William County	75.3	60.5	89.8
9. Rappahannock-Rapidan	61.8	49.0	75.5
Culpeper County	60.7	47.6	75.2
Fauquier County	66.0	52.0	80.2
Madison County	58.9	46.1	73.1
Orange County	58.9	47.5	71.4
Rappahannock County	55.9	47.1	64.7
10. Thomas Jefferson	61.0	53.6	68.9
Albemarle County	62.3	55.6	69.4
Charlottesville City	60.7	55.8	66.5
Fluvanna County	62.5	52.5	73.2
Greene County	67.2	59.2	75.1
Louisa County	59.1	48.4	70.0
Nelson County	53.1	41.5	65.5
11. Central Virginia	61.2	50.6	73.2
Amherst County	57.4	48.7	67.2
Appomattox County	63.4	53.9	73.7
Bedford City	55.8	49.1	63.2

TABLE A.9 (continued)
Labor Force Participation Rates in the Planning Districts, 1980

	Total	Female	Male
Bedford County	61.2%	48.3%	74.2%
Campbell County	65.5	53.4	78.1
Lynchburg City	60.3	50.4	72.8
12. West Piedmont	63.1	53.2	74.2
Danville City	60.4	50.5	73.1
Franklin County	60.8	49.1	72.7
Henry County	68.9	60.1	78.5
Martinsville City	58.0	49.0	69.2
Patrick County	63.2	53.7	73.3
Pittsylvania County	62.9	52.8	73.9
13. Southside	57.7	49.1	67.3
Brunswick County	55.8	46.8	65.7
Halifax County	57.6	48.9	66.9
Mecklenburg County	58.5	49.4	68.5
South Boston City	59.2	52.7	67.8
14. Piedmont	55.0	44.1	67.5
Amelia County	57.9	45.7	70.9
Buckingham County	55.3	44.7	66.7
Charlotte County	54.9	43.4	67.1
Cumberland County	55.4	44.4	67.8
Lunenburg County	58.2	46.1	71.8
Nottoway County	56.3	45.6	68.7
Prince Edward County	50.2	40.6	62.0
15. Richmond Regional	65.6	56.0	76.6
Charles City County	67.2	58.3	76.2
Chesterfield County	71.0	57.7	85.1
Goochland County	58.3	45.9	70.8
Hanover County	66.9	54.9	79.4
Henrico County	69.2	59.1	81.1
New Kent County	64.5	53.3	75.5
Powhatan County	53.8	51.0	55.7
Richmond City	60.3	53.6	68.8
16. RADCO	64.5	50.8	78.9
Caroline County	61.3	51.1	72.0
Fredericksburg City	58.2	48.4	72.7
King George County	61.2	47.7	74.7
Spotsylvania County	65.7	51.8	80.3
Stafford County	68.7	51.9	84.0
17. Northern Neck	53.2	43.5	64.0
Lancaster County	52.7	44.3	62.5
Northumberland County	50.0	39.2	61.9
Richmond County	58.2	48.1	68.8
Westmoreland County	53.5	43.7	64.2

TABLE A.9 (continued)
Labor Force Participation Rates in the Planning Districts, 1980

	Total	Female	Male
18. Middle Peninsula	57.1%	44.5%	70.9%
Essex County	59.6	47.2	74.0
Gloucester County	59.1	45.5	73.5
King and Queen County	55.3	42.9	67.9
King William County	61.1	48.2	75.3
Mathews County	51.9	40.6	64.4
Middlesex County	52.1	40.5	64.9
19. Crater	61.6	49.7	74.2
Colonial Heights City	65.0	50.8	81.4
Dinwiddie County	55.4	47.8	63.0
Emporia City	57.0	47.2	69.3
Greensville County	62.0	50.5	74.9
Hopewell City	60.5	45.9	77.4
Petersburg City	60.4	50.9	71.9
Prince George County	70.6	54.5	82.2
Surry County	58.2	47.5	69.5
Sussex County	59.1	48.2	71.2
20. Southeastern Virginia	65.2	49.9	80.1
Chesapeake City	63.5	50.3	77.6
Franklin City	55.9	41.4	73.5
Isle of Wight County	61.2	47.2	76.1
Norfolk City	65.4	46.8	81.2
Portsmouth City	58.5	46.6	72.3
Southampton County	52.8	43.7	61.0
Suffolk City	59.0	47.6	71.9
Virginia Beach City	71.2	55.8	86.2
21. Peninsula	65.8	52.8	79.3
Hampton City	65.0	52.8	77.9
James City County	64.0	54.1	74.1
Newport News City	66.8	52.7	81.4
Poquoson City	67.1	50.2	84.1
Williamsburg City	50.6	45.9	56.2
York County	70.7	55.9	84.7
22. Accomack-Norhampton	56.7	46.0	69.4
Accomack County	57.7	46.9	70.6
Norhampton County	54.6	44.1	66.8
23. Hampton Roads	65.4	50.8	79.9
Chesapeake City	63.5	50.3	77.6
Franklin City	55.9	41.4	73.5
Hampton City	65.0	52.8	77.9
Isle of Wight County	61.2	47.2	76.1
James City County	64.0	54.1	74.1
Newport News City	66.8	52.7	81.4
Norfolk City	65.4	46.8	81.2
Poquoson City	67.1	50.2	84.1
Portsmouth City	58.5	46.6	72.3
Southampton County	52.8	43.7	61.0

TABLE A.9 (continued)
Labor Force Participation Rates in the Planning Districts, 1980

	Total	Female	Male
Suffolk City	59.0%	47.6%	71.9%
Virginia Beach City	71.2	55.8	86.2
Williamsburg City	50.6	45.9	56.2
York County	70.7	55.9	84.7

Note: The definition of labor force for these statistics is the total labor force, including members of the armed forces. Participation rates are based on the total population over age sixteen.

Source: U.S. Department of Commerce, Bureau of the Census, *1980 Census of Population, General Social and Economic Characteristics*, Part 48 Virginia (Washington, D.C.: GPO, July 1983).

TABLE A.10
Unemployment Rates in the Planning Districts, 1980-1989

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
	Percent									
U.S.	7.1	7.6	9.7	9.6	7.5	7.2	7.0	6.2	5.5	5.3
Virginia	5.0	6.1	7.7	6.1	5.0	5.6	5.0	4.2	3.9	3.9
1. LENOWISCO	7.4	8.8	10.8	11.7	9.6	13.0	12.4	9.2	8.8	8.1
Lee County	9.3	11.6	12.2	13.4	11.3	14.3	13.0	10.8	10.5	8.8
Norton City	6.7	8.2	8.9	9.8	10.6	9.8	11.6	8.3	8.6	8.8
Scott County	5.4	7.0	8.7	8.4	5.5	7.9	6.8	5.8	5.2	5.5
Wise County	7.8	8.7	11.6	13.0	11.6	15.7	15.6	10.7	10.3	9.4
2. Cumberland Plateau	7.5	8.4	15.5	22.2	15.4	16.5	15.7	14.5	9.9	8.4
Buchanan County	5.9	6.6	16.0	26.3	18.4	20.2	19.2	16.2	11.2	8.6
Dickenson County	10.9	11.8	16.1	18.1	14.8	20.6	17.8	15.7	13.4	12.6
Russell County	8.8	9.7	16.8	20.5	14.6	15.5	14.7	14.2	10.6	9.0
Tazewell County	6.9	7.9	14.2	21.3	14.0	13.1	13.3	13.1	7.7	6.9
3. Mount Rogers	7.6	9.2	12.6	9.6	7.8	9.8	8.1	6.8	6.3	6.0
Bland County	6.4	10.0	12.1	12.1	6.9	7.5	7.0	6.2	5.6	5.0
Bristol City	7.3	8.5	9.6	8.3	6.2	8.2	7.5	9.1	6.0	5.1
Carroll County	7.0	8.9	12.8	7.9	7.0	11.0	8.4	6.1	5.6	5.6
Galax City	5.6	6.8	9.0	7.4	5.9	7.7	8.6	6.3	5.0	6.2
Grayson County	7.4	9.2	13.0	8.1	8.1	13.5	11.5	6.4	7.7	7.7
Smyth County	10.0	12.0	18.0	12.1	11.0	11.8	9.2	8.3	8.3	7.8
Washington County	6.7	7.4	9.1	8.4	6.3	7.5	6.1	5.6	5.5	4.5
Wythe County	8.0	9.8	15.1	12.2	9.2	10.1	8.7	6.7	6.0	6.8
4. New River Valley	6.2	7.7	10.1	7.4	6.9	8.4	7.9	6.5	6.2	6.7
Floyd County	6.3	7.8	9.8	7.1	6.6	9.2	7.7	6.0	7.3	5.4
Giles County	7.4	10.3	14.9	10.5	12.5	12.5	10.3	10.2	9.5	9.4
Montgomery County	5.1	5.6	7.2	5.5	6.1	6.7	6.6	5.5	5.3	5.7
Pulaski County	7.2	10.1	13.3	9.5	5.7	9.5	9.1	6.7	6.0	7.7
Radford City	7.3	6.6	8.3	6.3	6.2	7.6	8.2	6.6	5.5	6.2
5. Fifth	5.4	6.9	8.1	6.5	5.0	5.4	5.4	4.6	4.4	4.0
Alleghany County	10.2	12.3	11.9	8.8	8.7	10.3	11.2	9.6	7.3	7.5
Botetourt County	5.2	7.0	8.4	6.0	4.7	5.0	4.3	4.1	3.9	3.6
Clifton Forge City	6.2	8.0	9.3	8.3	6.6	7.5	9.1	8.9	6.3	5.6
Covington City	10.6	11.6	11.6	9.5	9.9	11.0	11.6	9.9	8.9	9.1
Craig County	7.1	9.3	11.3	9.8	10.0	7.8	6.6	5.3	5.3	6.3
Roanoke City	5.5	7.2	8.7	7.0	5.1	5.9	5.9	5.0	4.8	4.5

TABLE A.10 (continued)
Unemployment Rates in the Planning Districts, 1980-1989

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
	Percent									
Roanoke County	3.8	4.8	5.7	4.6	3.7	3.5	3.5	2.8	3.0	2.8
Salem City	5.1	6.8	8.5	7.5	4.9	5.5	4.7	4.6	4.2	3.3
6. Central Shenandoah	6.1	8.0	9.0	7.1	6.4	7.4	5.9	4.6	4.5	4.7
Augusta County	5.1	6.3	8.4	7.0	5.4	6.4	4.9	4.1	4.3	5.3
Bath County	8.0	11.1	9.0	6.5	13.4	17.7	19.1	15.5	13.4	11.4
Buena Vista City	10.3	11.0	13.8	10.8	9.0	9.3	8.4	7.4	7.5	8.0
Harrisonburg City	4.3	7.5	6.3	3.9	4.7	6.7	4.9	4.5	4.2	4.3
Highland County	14.0	13.8	12.4	17.7	11.8	14.6	13.6	8.5	7.6	7.3
Lexington City	6.4	6.5	6.4	6.3	4.9	6.3	5.4	5.9	3.1	3.3
Rockbridge County	9.4	9.8	11.6	9.3	8.0	7.9	6.4	4.6	5.4	4.8
Rockingham County	4.7	7.7	8.1	6.2	6.5	7.2	5.4	4.0	4.2	4.7
Staunton City	6.3	7.2	9.3	6.9	5.0	6.3	5.0	3.5	4.0	3.5
Waynesboro City	8.9	11.3	13.8	11.4	8.7	9.5	7.8	5.1	3.9	3.8
7. Lord Fairfax	7.5	9.4	12.4	8.2	6.8	7.3	5.4	4.3	4.3	4.5
Clarke County	4.9	6.0	8.0	5.2	4.3	4.8	4.2	4.0	3.7	3.5
Frederick County	7.0	9.0	11.7	8.1	6.6	7.0	4.8	4.6	4.2	4.0
Page County	10.5	12.8	16.6	10.2	10.2	11.0	8.0	5.9	6.7	7.7
Shenandoah County	6.5	8.7	11.5	7.8	6.7	6.8	5.2	3.0	3.3	3.6
Warren County	8.8	10.8	14.9	8.7	5.5	6.1	4.9	3.9	4.2	4.5
Winchester City	7.0	8.7	11.4	8.4	6.9	7.4	5.3	5.2	4.1	4.3
8. Northern Virginia	2.8	3.6	4.4	3.2	2.9	2.8	2.5	2.0	1.8	1.8
Alexandria City	4.7	5.8	7.0	4.8	4.2	3.6	3.2	2.5	2.1	2.3
Arlington County	3.3	4.3	5.2	3.9	3.5	3.0	2.5	2.0	1.7	2.0
Fairfax City	2.2	3.0	4.1	4.2	4.2	3.5	2.7	1.8	1.6	1.7
Fairfax County	2.5	3.2	3.8	2.8	2.5	2.6	2.4	1.9	1.7	1.7
Falls Church City	2.7	3.8	6.7	6.9	5.0	3.8	3.2	1.8	1.7	1.8
Loudoun County	2.5	3.1	3.8	2.9	2.4	2.6	2.2	1.8	1.6	1.5
Manassas City	2.1	3.4	5.2	2.9	2.7	2.7	2.4	1.8	1.8	1.6
Manassas Park City	1.7	2.3	4.2	2.8	2.3	2.2	2.1	1.6	1.5	1.3
Prince William County	2.5	3.3	4.1	3.0	2.5	2.7	2.4	2.1	2.0	1.9
9. Rappahannock-Rapidan	4.6	5.0	7.9	5.5	4.0	4.4	3.7	3.1	2.6	2.5
Culpeper County	4.6	4.8	8.3	6.3	5.0	5.3	4.6	3.3	3.0	2.8
Fauquier County	3.8	4.4	5.7	4.0	2.9	2.7	2.4	1.9	1.8	1.9
Madison County	5.4	5.1	9.2	6.7	4.7	4.7	4.0	4.2	3.0	2.8
Orange County	5.2	5.7	10.6	6.9	4.8	6.0	5.0	4.5	3.8	3.6
Rappahannock County	6.1	8.3	10.8	6.7	4.9	7.7	6.2	5.1	4.3	3.7
10. Thomas Jefferson	4.5	5.2	6.3	4.8	4.7	5.6	4.3	3.4	3.2	3.0
Albemarle County	3.5	4.3	5.5	3.8	3.9	4.9	3.7	2.8	2.6	2.5
Charlottesville City	3.2	4.2	4.5	3.7	3.8	4.6	3.6	2.6	2.5	2.4
Fluvanna County	5.8	5.8	7.3	4.4	7.7	6.6	5.6	3.9	3.9	3.6
Greene County	5.7	6.5	9.0	5.2	6.0	6.8	4.7	4.1	3.6	2.9

TABLE A.10 (continued)
Unemployment Rates in the Planning Districts, 1980-1989

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
	Percent									
Louisa County	8.1	7.5	9.4	8.4	6.7	7.5	5.3	5.3	4.8	4.2
Nelson County	6.3	7.4	9.4	8.5	6.0	7.9	7.2	5.9	5.7	5.7
11. Central Virginia	5.4	6.5	8.8	6.5	5.2	6.6	6.2	5.0	4.7	4.8
Amherst County	5.8	6.4	8.2	6.5	4.6	6.5	5.9	4.8	5.2	5.5
Appomattox County	6.3	5.6	8.5	7.5	5.3	6.3	5.6	4.8	5.1	4.2
Bedford City	3.7	3.9	7.5	4.2	2.9	4.7	3.9	5.5	4.0	4.4
Bedford County	4.8	7.0	10.0	6.9	5.8	7.1	6.3	4.6	4.5	4.6
Campbell County	5.4	6.6	9.3	6.6	5.7	7.2	6.8	5.3	4.9	5.6
Lynchburg City	5.7	6.5	8.2	6.1	5.0	6.3	6.0	5.0	4.5	4.3
12. West Piedmont	6.8	8.1	11.3	8.0	5.6	9.4	8.6	6.5	6.5	6.5
Danville City	6.9	9.2	11.4	9.4	8.4	10.6	9.9	6.9	7.5	6.6
Franklin County	7.5	8.2	12.3	7.0	7.3	7.6	7.2	5.7	6.5	6.1
Henry County	7.2	7.7	10.7	6.6	3.4	8.7	8.0	6.9	6.6	7.1
Martinsville City	5.9	6.9	8.6	6.0	5.8	7.6	7.6	6.4	7.7	7.3
Patrick County	7.4	9.0	12.5	11.8	8.7	9.5	9.3	5.9	4.4	4.4
Pittsylvania County	6.1	7.8	11.8	8.5	8.4	10.8	9.3	6.6	6.1	6.4
13. Southside	7.8	9.7	12.9	9.0	7.9	9.6	8.6	6.8	7.3	6.7
Brunswick County	10.6	13.0	12.2	8.2	7.4	8.3	9.4	6.5	6.2	6.5
Halifax County	7.2	8.7	14.9	10.4	9.2	10.9	8.8	7.6	8.4	7.2
Mecklenburg County	6.8	9.0	10.9	7.8	6.9	9.1	8.4	6.1	6.9	6.2
South Boston City	7.7	9.2	13.8	9.9	8.0	9.0	7.0	7.0	6.6	8.0
14. Piedmont	6.0	8.1	12.4	8.1	8.1	11.0	8.8	7.4	7.0	6.2
Amelia County	4.8	7.3	10.4	6.3	5.3	6.5	6.1	4.4	4.1	3.9
Buckingham County	6.8	9.8	11.6	7.9	9.1	9.6	7.1	6.3	6.6	5.6
Charlotte County	7.5	10.0	14.1	9.1	6.9	10.3	8.5	8.2	9.0	8.1
Cumberland County	4.9	6.8	10.5	7.5	7.5	9.9	8.2	6.9	6.4	5.5
Lunenburg County	6.8	9.3	15.2	10.6	9.2	13.5	11.8	9.2	7.3	7.1
Nottoway County	6.3	7.2	14.6	8.7	7.4	10.9	8.9	6.7	5.6	4.7
Prince Edward County	5.0	6.7	10.4	7.0	9.6	13.9	9.5	9.0	8.8	7.5
15. Richmond Regional	3.7	4.5	6.0	5.0	4.7	4.1	3.8	3.3	3.1	3.3
Charles City County	5.0	6.1	8.0	6.6	5.7	6.3	5.5	5.4	4.4	4.5
Chesterfield County	3.2	3.7	5.6	4.7	3.6	3.5	3.3	2.7	2.4	2.8
Goochland County	4.1	4.9	5.4	4.7	4.0	4.3	3.6	3.2	3.0	3.1
Hanover County	3.6	3.9	5.1	4.3	3.3	2.9	3.1	2.5	2.3	2.2
Henrico County	3.1	3.6	5.2	4.1	6.5	3.1	2.8	2.5	2.3	2.4
New Kent County	3.4	3.7	6.1	4.6	3.2	3.9	3.3	2.6	2.4	3.0
Powhatan County	3.6	4.6	5.9	5.0	3.8	4.3	3.7	4.0	3.1	2.9
Richmond City	4.6	5.9	7.2	6.1	5.4	5.7	5.3	4.8	4.6	5.0
16. RADCO	6.1	7.5	9.2	5.7	4.2	4.5	4.0	3.6	3.4	3.4
Caroline County	8.0	10.3	12.6	8.7	6.6	6.8	6.6	4.9	5.2	5.3
Fredericksburg City	7.3	8.9	9.8	7.7	5.0	5.2	4.7	4.3	3.9	3.7
King George County	4.9	5.4	7.3	5.3	4.3	4.4	4.1	3.8	3.6	3.6

TABLE A.10 (continued)
Unemployment Rates in the Planning Districts, 1980-1989

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
	Percent									
Spotsylvania County	6.6	8.0	9.9	6.0	4.7	5.0	4.1	3.9	3.9	4.4
Stafford County	4.6	6.1	7.6	4.1	2.8	3.1	2.7	2.5	2.2	2.0
17. Northern Neck	10.0	13.3	13.9	12.4	12.1	11.8	10.9	8.5	7.5	7.7
Lancaster County	10.9	14.0	14.8	14.5	13.8	14.6	12.8	10.0	8.3	9.2
Northumberland County	11.2	14.2	15.4	14.6	15.2	16.3	15.2	9.7	8.6	8.2
Richmond County	9.7	14.0	12.2	9.9	9.1	7.2	7.1	6.0	5.2	6.2
Westmoreland County	8.6	12.0	12.8	10.2	10.1	8.7	8.4	7.9	7.2	7.1
18. Middle Peninsula	5.0	6.1	7.8	5.9	4.7	4.7	4.2	3.4	3.1	3.2
Essex County	6.8	9.8	13.5	9.6	7.1	7.2	4.7	3.7	4.0	4.6
Gloucester County	4.5	5.1	5.7	4.1	3.3	3.3	3.5	3.1	2.5	2.5
King and Queen County	8.2	9.3	12.6	9.2	6.5	7.1	6.0	4.7	5.8	5.3
King William County	4.8	6.4	9.8	8.3	4.7	4.7	4.8	3.3	3.0	3.3
Mathews County	3.1	3.7	4.6	3.4	4.2	4.5	3.4	3.3	2.7	2.2
Middlesex County	5.0	5.5	6.5	5.7	5.0	4.7	4.5	3.8	3.1	3.5
19. Crater	6.5	8.7	10.6	8.5	6.7	9.0	8.2	6.6	5.6	6.0
Colonial Heights City	4.7	6.3	8.6	5.8	4.4	5.1	5.0	3.8	3.1	3.1
Dinwiddie County	6.8	9.6	12.1	10.9	8.7	10.2	11.6	8.2	6.0	6.5
Emporia City	6.9	9.9	11.9	7.3	7.4	8.6	7.9	7.0	8.2	5.9
Greensville County	7.6	10.8	12.6	9.2	8.6	9.9	7.9	6.3	5.5	5.6
Hopewell City	6.8	8.5	11.9	9.0	6.0	9.7	7.4	6.3	5.2	6.2
Petersburg City	7.0	9.1	10.0	8.2	7.1	10.0	9.6	6.6	6.1	7.1
Prince George County	4.0	5.2	7.2	6.6	4.5	8.5	6.4	7.3	5.9	6.5
Surry County	6.2	9.2	12.7	10.6	7.0	8.2	6.8	8.3	7.6	6.6
Sussex County	9.2	12.5	12.5	10.9	8.6	9.2	8.5	6.9	5.9	5.5
20. Southeastern Virginia	5.5	6.4	7.4	5.7	4.2	5.3	4.9	4.7	4.5	4.7
Chesapeake City	5.8	6.6	8.2	6.2	4.4	5.1	4.8	4.3	4.1	4.1
Franklin City	7.1	9.5	13.2	10.3	7.8	9.4	8.7	10.0	7.1	5.5
Isle of Wight County	4.4	6.5	8.7	6.4	4.7	6.0	5.6	5.9	5.0	4.9
Norfolk City	5.5	6.3	7.1	5.5	4.4	5.7	4.9	5.3	5.2	5.3
Portsmouth City	6.2	7.8	8.9	7.7	6.2	8.2	7.8	6.5	6.1	6.6
Southampton County	5.8	7.8	8.4	5.8	4.3	5.2	5.0	5.3	4.1	4.4
Suffolk City	8.4	9.4	10.3	8.4	7.3	8.0	7.0	6.3	5.8	6.5
Virginia Beach City	4.3	5.0	5.6	4.2	3.4	3.5	3.5	3.4	3.5	3.8
21. Peninsula	5.3	6.2	6.7	5.1	5.1	5.0	5.0	5.1	4.5	4.7
Hampton City	5.6	6.2	6.9	5.5	5.0	5.9	5.6	6.0	5.2	5.4
James City County	5.2	6.3	7.3	5.4	5.1	4.2	4.0	3.7	3.4	2.8
Newport News City	5.3	6.6	6.9	5.0	4.9	5.0	5.3	5.2	4.6	5.1
Poquoson City	3.5	4.3	4.6	3.6	3.0	3.6	2.7	3.6	3.0	3.0
Williamsburg City	3.5	4.3	7.8	6.4	5.7	5.6	5.3	4.8	4.6	5.1
York County	4.8	5.9	4.8	3.7	3.3	3.2	3.0	3.0	2.8	2.9

TABLE A.10 (continued)
Unemployment Rates in the Planning Districts, 1980-1989

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
	Percent									
22. Accomack-Northampton	7.6	8.2	8.2	7.5	8.6	7.8	7.1	6.1	5.8	6.6
Accomack County	7.0	7.6	8.1	7.3	8.8	7.8	7.0	6.0	5.8	6.4
Northampton County	9.0	9.6	8.5	8.0	8.3	7.7	7.3	6.4	5.8	7.3
23. Hampton Roads	5.4	6.4	7.2	5.5	4.6	5.2	4.9	4.8	4.5	4.7
Chesapeake City	5.8	6.6	8.2	6.2	4.4	5.1	4.8	4.3	4.1	4.1
Franklin City	7.1	9.5	13.2	10.3	7.8	9.4	8.7	10.0	7.1	5.5
Hampton City	5.6	6.2	6.9	5.5	5.0	5.9	5.6	6.0	5.2	5.4
Isle of Wight County	4.4	6.5	8.7	6.4	4.7	6.0	5.6	5.9	5.0	4.9
James City County	5.2	6.3	7.3	5.4	5.1	4.2	4.0	3.7	3.4	2.8
Newport News City	5.3	6.6	6.9	5.0	4.9	5.0	5.3	5.2	4.6	5.1
Norfolk City	5.5	6.3	7.1	5.5	4.4	5.7	4.9	5.3	5.2	5.3
Poquoson City	3.5	4.3	4.6	3.6	3.0	3.6	2.7	3.6	3.0	3.0
Portsmouth City	6.2	7.8	8.9	7.7	6.2	8.2	7.8	6.5	6.1	6.6
Southampton County	5.8	7.8	8.4	5.8	4.3	5.2	5.0	5.3	4.1	4.4
Suffolk City	8.4	9.4	10.3	8.4	7.3	8.0	7.0	6.3	5.8	6.5
Virginia Beach City	4.3	5.0	5.6	4.2	3.4	3.5	3.5	3.4	3.5	3.8
Williamsburg City	3.5	4.3	7.8	6.4	5.7	5.6	5.3	4.8	4.6	5.1
York County	4.8	5.9	4.8	3.7	3.3	3.2	3.0	3.0	2.8	2.9

Note: The definition of labor force used for this series is the total civilian labor force.

Source: U.S. Department of Labor, Bureau of Labor Statistics, *Historical Report on Labor Force and Unemployment* (Washington, D.C.: CPO, annual).

TABLE A.11
Personal Income in the Planning Districts, 1980-1988

	Total (millions of dollars) and Average Annual Growth Rate, 1980-1988									Rate	1988 Per Capita
	1980	1981	1982	1983	1984	1985	1986	1987	1988		
Virginia	\$52,754	\$59,343	\$63,837	\$69,313	\$76,453	\$82,524	\$89,592	\$97,866	\$106,263	9.0%	\$17,666
1. LENOWISCO	735	803	857	888	945	969	1,002	1,034	1,099	4.7	11,235
Lee County	165	183	198	203	219	223	229	239	249	4.8	9,854
Scott County	153	173	181	191	201	213	221	231	244	5.5	9,704
Wise/Norton	417	447	478	494	525	533	552	564	606	4.4	12,778
2. Cumberland Plateau	1,148	1,263	1,301	1,245	1,356	1,393	1,433	1,440	1,500	3.0	11,158
Buchanan County	315	339	348	320	356	357	372	361	379	2.0	10,787
Dickenson County	171	187	195	195	207	207	206	205	208	2.1	11,102
Russell County	234	261	268	260	284	296	305	316	333	4.0	10,444
Tazewell County	428	476	490	470	509	533	550	558	580	3.5	11,905
3. Mount Rogers	1,282	1,404	1,474	1,582	1,730	1,799	1,919	2,044	2,195	6.8	12,145
Bland County	41	44	48	50	57	60	63	69	72	7.5	11,125
Carroll/Galax	219	240	250	280	307	311	329	351	376	6.8	10,858
Grayson County	111	121	124	139	148	148	156	166	179	5.8	10,923
Smyth County	230	250	262	279	304	318	344	365	390	6.8	11,931
Washington/Bristol	489	541	577	605	661	700	746	791	861	7.0	13,334
Wythe County	192	208	214	229	253	262	281	302	317	6.5	12,233
4. New River Valley	991	1,080	1,163	1,261	1,406	1,493	1,586	1,709	1,846	8.1	12,942
Floyd County	84	89	95	105	121	127	136	146	158	8.5	13,393
Giles County	133	145	153	164	177	183	192	202	213	5.9	12,325
Montgomery/Radford	531	582	639	688	770	830	890	967	1,051	8.9	13,403
Pulaski County	243	264	276	304	338	353	368	394	424	7.2	12,099

TABLE A.11 (continued)
Personal Income in the Planning Districts, 1980-1988

	Total (millions of dollars) and Average Annual Growth Rate, 1980-1988									Rate	1988 Per Capita
	1980	1981	1982	1983	1984	1985	1986	1987	1988		
5. Fifth	\$2,312	\$2,545	\$2,693	\$2,894	\$3,194	\$3,412	\$3,603	\$3,845	\$4,079	7.3%	\$16,238
Alleghany/Clifton Forge/ Covington	206	218	226	242	270	285	296	308	334	6.3	13,085
Botetourt County	199	216	227	249	279	303	325	353	380	8.7	14,995
Craig County	28	30	32	35	40	43	46	49	53	8.6	12,459
Roanoke City	934	1,033	1,098	1,164	1,289	1,345	1,413	1,503	1,562	6.6	15,993
Roanoke County/Salem	945	1,048	1,110	1,204	1,316	1,436	1,523	1,632	1,750	8.0	17,765
6. Central Shenandoah	1,656	1,816	1,920	2,070	2,283	2,384	2,612	2,822	3,091	7.9	14,487
Augusta/Staunton/ Waynesboro	770	849	886	946	1,045	1,079	1,169	1,270	1,385	7.3	14,814
Bath County	49	51	59	65	73	74	75	75	79	6.3	15,487
Highland County	20	18	21	23	25	24	25	28	29	5.8	12,271
Rockbridge/Buena Vista/ Lexington	223	245	256	278	301	319	345	367	401	7.4	12,942
Rockingham/Harrisonburg	595	653	699	758	839	888	998	1,082	1,197	9.0	14,722
7. Lord Fairfax	1,110	1,224	1,297	1,429	1,593	1,716	1,934	2,146	2,358	9.9	15,928
Clarke County	109	121	125	140	160	175	194	221	247	10.8	22,287
Frederick/Winchester	438	486	518	565	630	685	775	864	961	10.3	15,579
Page County	144	159	172	190	210	223	244	265	288	9.0	14,045
Shenandoah County	237	257	274	303	338	360	421	459	490	9.9	16,507
Warren County	183	200	208	231	255	273	300	337	372	9.2	14,885
8. Northern Virginia	15,547	17,633	19,267	21,199	23,689	26,172	28,770	31,931	35,162	10.6	25,671
Alexandria City	1,623	1,827	2,010	2,131	2,375	2,530	2,688	2,897	3,112	8.2	28,699
Arlington County	2,442	2,772	2,992	3,194	3,505	3,770	4,006	4,323	4,659	8.1	30,248
Fairfax County/Fairfax City/ Falls Church	9,098	10,327	11,321	12,530	14,050	15,623	17,237	19,179	21,184	11.1	26,441
Loudoun County	675	750	816	935	1,071	1,241	1,416	1,621	1,812	13.6	23,410
Prince William/Manassas/ Manassas Park	1,708	1,956	2,128	2,409	2,688	3,008	3,423	3,911	4,395	12.4	19,219

TABLE A.11 (continued)
Personal Income in the Planning Districts, 1980-1988

	Total (millions of dollars) and Average Annual Growth Rate, 1980-1988									Rate	1988 Per Capita
	1980	1981	1982	1983	1984	1985	1986	1987	1988		
9. Rappahannock-Raplan	\$863	\$967	\$1,043	\$1,146	\$1,309	\$1,455	\$1,635	\$1,849	\$2,028	11.4%	\$18,340
Culpeper County	197	220	228	247	278	303	338	380	414	9.8	15,964
Fauquier County	393	444	484	539	627	715	813	930	1,034	13.2	22,441
Madison County	69	76	85	94	108	114	126	139	151	10.3	13,774
Orange County	156	176	188	203	224	246	272	301	321	9.5	15,232
Rappahannock County	47	52	57	63	72	77	86	99	108	11.0	16,384
10. Thomas Jefferson	1,229	1,398	1,517	1,645	1,819	1,960	2,139	2,345	2,555	9.3	16,351
Albemarle/Charlottesville	877	1,006	1,102	1,187	1,311	1,421	1,541	1,696	1,859	9.5	18,102
Fluvanna County	70	78	83	92	104	111	127	138	151	10.2	12,493
Greene County	55	61	66	74	80	86	96	104	115	9.6	12,712
Louisa County	136	151	160	174	192	206	228	249	266	8.8	13,337
Nelson County	92	102	106	118	132	136	147	158	164	7.6	13,082
11. Central Virginia	1,587	1,750	1,834	2,010	2,201	2,322	2,474	2,674	2,886	7.6	14,052
Amherst County	187	202	213	233	254	264	286	305	327	7.2	11,210
Appomattox County	88	95	98	108	119	127	138	148	158	7.8	12,639
Bedford County/City	362	401	416	477	529	572	618	676	733	9.3	15,460
Campbell/Lynchburg	949	1,052	1,107	1,192	1,299	1,359	1,432	1,545	1,668	7.0	14,343
12. West Piedmont	1,889	2,098	2,153	2,368	2,595	2,694	2,859	3,056	3,257	6.9	13,339
Franklin County	262	284	298	329	371	393	429	464	495	8.5	12,147
Henry/Martinsville	605	668	695	771	843	883	941	999	1,052	7.2	13,527
Patrick County	132	143	148	168	183	195	208	224	236	7.8	13,450
Pittsylvania/Danville	891	1,002	1,012	1,100	1,198	1,223	1,281	1,369	1,474	6.1	13,643
13. Southside	570	658	667	719	786	824	881	946	1,017	7.1	12,455
Brunswick County	104	122	121	131	145	151	160	172	181	6.8	11,369
Halifax/South Boston	257	298	304	323	353	366	396	421	459	6.9	12,706
Mecklenburg County	208	237	242	265	288	307	325	353	377	7.4	12,699

TABLE A.11 (continued)
Personal Income in the Planning Districts, 1980-1988

	Total (millions of dollars) and Average Annual Growth Rate, 1980-1988										1988 Per Capita
	1980	1981	1982	1983	1984	1985	1986	1987	1988	Rate	
14. Piedmont	\$559	\$629	\$644	\$705	\$780	\$818	\$884	\$938	\$1,007	7.5%	\$11,801
Amelia County	60	67	71	76	84	92	102	108	114	8.5	13,441
Buckingham County	77	84	87	97	108	115	127	136	148	8.7	11,604
Charlotte County	80	92	91	102	113	116	124	131	141	7.0	11,725
Cumberland County	47	53	55	60	68	73	78	83	92	8.5	11,500
Lunenburg County	78	92	90	97	108	108	113	119	128	5.7	10,653
Nottoway County	112	125	127	140	156	163	176	185	201	7.5	13,483
Prince Edward County	105	116	123	133	143	151	164	176	183	7.2	10,725
15. Richmond Regional	7,064	7,934	8,531	9,193	10,012	10,776	11,696	12,920	14,041	8.7	19,712
Charles City County	52	59	61	66	75	76	81	91	98	7.8	14,572
Chesterfield County	1,629	1,822	1,941	2,149	2,333	2,582	2,869	3,213	3,539	10.1	19,281
Goochland County	120	134	145	157	184	208	227	260	286	11.7	20,537
Hanover County	543	607	651	706	783	855	950	1,068	1,170	10.0	19,413
Henrico County	2,090	2,377	2,573	2,776	3,035	3,323	3,608	4,032	4,462	9.6	21,378
New Kent County	84	94	102	114	128	137	153	172	190	10.6	16,589
Powhatan County	108	118	128	137	153	166	185	207	225	9.6	15,671
Richmond City	2,438	2,723	2,930	3,088	3,321	3,429	3,623	3,877	4,071	6.3	19,087
16. RADCO	1,058	1,185	1,277	1,433	1,610	1,801	2,028	2,316	2,606	11.9	16,823
Caroline County	142	160	168	182	200	215	237	257	277	8.6	14,285
King George County	98	108	114	122	141	156	173	187	203	9.8	16,418
Spotsylvania/Fredericksburg	447	496	522	594	651	726	832	939	1,060	11.4	16,543
Stafford County	370	421	473	535	618	704	786	933	1,066	14.1	18,048
17. Northern Neck	352	394	419	448	501	547	595	652	710	9.1	16,385
Lancaster County	98	111	119	129	141	154	168	190	204	9.4	18,753
Northumberland County	86	98	101	109	120	132	141	151	167	8.4	16,513
Richmond County	52	58	64	65	77	83	89	96	103	9.0	14,495
Westmoreland County	116	128	135	145	163	178	197	215	236	9.4	15,530

TABLE A.11 (continued)
Personal Income in the Planning Districts, 1980-1988

	Total (millions of dollars) and Average Annual Growth Rate, 1980-1988									1988 Per Capita	
	1980	1981	1982	1983	1984	1985	1986	1987	1988	Rate	
18. Middle Peninsula	\$518	\$592	\$626	\$689	\$781	\$845	\$930	\$1,001	\$1,090	9.7%	\$15,029
Essex County	67	79	82	86	99	102	112	123	131	8.3	14,806
Gloucester County	178	205	222	258	288	322	357	387	422	11.5	14,052
King and Queen County	44	52	52	53	61	64	74	77	90	8.6	14,773
King William County	87	98	103	109	125	132	142	155	169	8.5	16,286
Mathews County	72	82	88	97	107	113	121	128	138	8.2	16,155
Middlesex County	70	76	79	86	101	112	124	131	140	9.7	16,422
19. Crater	1,231	1,404	1,479	1,555	1,674	1,736	1,830	1,932	2,099	6.2	12,778
Dinwiddie/Colonial Heights/ Petersburg	647	729	772	813	868	900	944	993	1,087	6.0	13,261
Greensville/Emporia	111	124	129	135	153	159	171	180	191	6.9	12,610
Prince George/Hopewell	354	402	422	443	470	487	508	544	590	5.9	11,791
Surry County	41	52	63	67	73	77	85	88	95	10.0	14,648
Sussex County	79	97	93	97	110	113	122	127	136	6.3	12,893
20. Southeastern Virginia	7,730	8,775	9,608	10,420	11,423	12,245	13,215	14,291	15,230	8.6	15,055
Chesapeake City	1,026	1,155	1,251	1,383	1,542	1,672	1,880	2,077	2,225	10.3	15,055
Isle of Wight County	191	220	233	257	287	314	343	371	399	9.6	15,307
Norfolk City	2,340	2,632	2,871	3,004	3,250	3,389	3,536	3,729	3,928	6.3	13,709
Portsmouth City	895	992	1,056	1,130	1,194	1,241	1,302	1,367	1,443	5.8	13,415
Southampton/Franklin	163	203	207	212	239	249	266	281	307	7.2	12,011
Suffolk City	407	465	493	533	590	635	686	735	776	8.3	14,854
Virginia Beach City	2,707	3,107	3,498	3,901	4,321	4,745	5,202	5,731	6,152	10.7	16,844
21. Peninsula	3,008	3,432	3,696	4,031	4,337	4,712	5,070	5,446	5,829	8.4	14,910
Hampton City	1,006	1,133	1,232	1,309	1,412	1,513	1,604	1,704	1,810	7.3	13,836
James City/Williamsburg	297	345	370	412	450	494	560	618	684	10.7	15,043
Newport News City	1,281	1,468	1,582	1,712	1,829	1,985	2,107	2,245	2,379	7.7	14,861
York/Poquoson	423	485	512	598	646	720	799	879	956	10.7	17,528

TABLE A.11 (continued)
Personal Income in the Planning Districts, 1980-1988

	Total (millions of dollars) and Average Annual Growth Rate, 1980-1988										1988 Per Capita
	1980	1981	1982	1983	1984	1985	1986	1987	1988	Rate	
22. Accomack-Northampton	\$316	\$357	\$370	\$383	\$429	\$451	\$497	\$529	\$578	7.5%	\$12,790
Accomack County	222	251	260	271	303	322	355	382	411	7.8	13,066
Northampton County	95	106	110	112	126	129	142	147	167	6.7	12,145
23. Hampton Roads	10,738	12,207	13,304	14,451	15,760	16,957	18,285	19,737	21,059	8.6	15,022
Chesapeake City	1,026	1,155	1,251	1,383	1,542	1,672	1,880	2,077	2,225	10.3	15,055
Hampton City	1,006	1,133	1,232	1,309	1,412	1,513	1,604	1,704	1,810	7.3	13,836
Isle of Wight County	191	220	233	257	287	314	343	371	399	9.6	15,307
James City/Williamsburg	297	345	370	412	450	494	560	618	684	10.7	15,043
Newport News City	1,281	1,468	1,582	1,712	1,829	1,985	2,107	2,245	2,379	7.7	14,861
Norfolk City	2,340	2,632	2,871	3,004	3,250	3,389	3,536	3,729	3,928	6.3	13,709
Portsmouth City	895	992	1,056	1,130	1,194	1,241	1,302	1,367	1,443	5.8	13,415
Southampton/Franklin	163	203	207	212	239	249	266	281	307	7.2	12,011
Suffolk City	407	465	493	533	590	635	686	735	776	8.3	14,854
Virginia Beach City	2,707	3,107	3,498	3,901	4,321	4,745	5,202	5,731	6,152	10.7	16,844
York/Poquoson	423	485	512	598	646	720	799	879	956	10.7	17,528

Note: Growth rates are based on the coefficients from the semi-log trend formula.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, unpublished data, Regional Economic Information System, 1990.

TABLE A.12
Distribution of Married Couple Tax Returns by Adjusted Gross Income Class in the Planning Districts, 1988

	Number of Returns	Median AGI per Return	Adjusted Gross Income Class									
			Less than \$5,000	\$5,000— \$9,999	\$10,000— \$14,999	\$15,000— \$19,999	\$20,000— \$24,999	\$25,000— \$29,999	\$30,000— \$39,999	\$40,000— \$49,999	\$50,000— \$74,999	\$75,000 or more
			Percent									
Virginia	1,147,841	\$35,757	2.8	6.6	7.6	8.0	8.2	8.7	16.8	13.5	18.5	11.1
1. LENOWISCO	17,375	24,293	5.0	10.5	13.0	12.1	11.1	10.0	17.9	10.1	8.2	2.5
Lee County	4,101	20,639	6.3	14.0	15.6	12.8	11.9	9.5	14.3	8.5	5.6	2.1
Norton City	762	27,397	4.0	9.0	11.4	12.4	8.9	9.6	17.8	9.4	12.4	5.6
Scott County	4,567	24,401	4.0	10.0	12.4	13.4	11.9	11.1	19.2	9.8	7.3	1.4
Wise County	7,946	26,209	5.0	9.2	12.2	11.0	10.5	9.6	18.9	11.2	9.7	3.1
2. Cumberland Plateau	24,350	24,798	5.3	10.6	12.3	11.8	10.7	9.8	18.1	11.5	7.8	2.6
Buchanan County	6,053	25,495	6.1	10.4	11.6	12.0	9.3	9.8	19.7	12.2	7.2	2.3
Dickenson County	3,225	23,020	7.0	12.1	12.3	11.7	11.9	10.0	18.3	9.9	5.6	1.8
Russell County	5,877	23,596	5.5	11.7	12.8	11.9	11.6	9.6	17.3	11.0	7.4	1.7
Tazewell County	9,196	25,984	4.1	9.5	12.5	11.6	10.6	10.0	17.4	11.9	9.1	3.8
3. Mount Rogers	37,168	24,083	3.8	9.5	12.8	13.1	13.5	12.2	17.6	9.1	6.4	2.6
Bland County	1,227	24,900	5.6	8.0	11.4	11.4	14.2	13.0	19.2	10.9	5.3	1.4
Bristol City	3,692	26,286	4.1	9.4	11.1	11.9	11.2	9.9	17.5	12.0	9.2	4.0
Carroll County	5,558	23,567	2.9	8.6	13.8	14.3	14.8	14.2	19.0	7.5	4.1	1.2
Galax City	1,499	22,514	3.5	12.0	14.6	13.9	12.5	10.4	14.7	7.3	6.8	4.8
Grayson County	3,414	21,472	4.5	10.6	15.3	15.2	16.0	13.3	16.0	5.4	3.1	1.2
Smyth County	6,770	24,022	3.8	9.1	12.7	12.9	14.6	13.2	18.5	8.5	5.0	2.3
Washington County	9,558	24,789	3.6	9.6	12.5	12.7	12.4	11.4	16.4	9.7	8.6	3.5
Wythe County	5,451	24,620	4.0	9.6	11.9	12.5	13.2	11.1	18.2	10.4	7.0	2.4
4. New River Valley	27,414	29,128	3.3	7.2	9.8	9.9	10.7	11.4	19.0	12.9	11.7	4.6
Floyd County	2,539	25,117	3.4	8.6	12.0	12.9	13.1	12.7	20.2	9.7	6.1	1.8

TABLE A.12 (continued)

Distribution of Married Couple Tax Returns by Adjusted Gross Income Class in the Planning Districts, 1988

	Number of Returns	Median AGI per Return	Adjusted Gross Income Class									
			Less than \$5,000	\$5,000–\$9,999	\$10,000–\$14,999	\$15,000–\$19,999	\$20,000–\$24,999	\$25,000–\$29,999	\$30,000–\$39,999	\$40,000–\$49,999	\$50,000–\$74,999	\$75,000 or more
			Percent									
Giles County	3,606	27,532	3.0	7.4	10.0	10.8	12.4	13.1	19.9	12.7	8.9	2.2
Montgomery County	12,146	30,350	3.7	7.1	9.5	9.2	9.6	10.5	17.9	12.6	13.6	6.8
Pulaski County	7,194	28,933	3.0	7.0	9.8	10.1	11.2	11.8	20.5	14.6	10.3	2.2
Radford City	1,929	33,300	2.3	6.1	8.9	7.9	9.4	10.0	17.7	13.7	16.8	7.8
5. Fifth	51,722	32,460	2.8	6.2	8.6	8.9	9.2	10.0	19.5	14.2	15.1	6.2
Alleghany County	3,032	30,190	4.0	7.2	8.7	10.4	9.8	9.8	17.9	16.7	12.8	3.2
Botetourt County	5,731	33,478	2.4	5.4	7.5	8.5	9.8	9.6	20.7	16.0	16.0	4.7
Clifton Forge City	909	28,058	6.8	9.4	10.8	9.9	8.1	8.7	19.9	11.5	9.6	5.7
Covington City	1,459	27,186	3.3	8.8	13.5	10.2	10.1	10.1	19.7	14.8	8.8	1.2
Craig County	976	26,722	3.2	7.0	10.5	11.6	13.7	12.4	21.9	12.1	6.9	1.2
Roanoke County	17,704	37,216	1.9	4.5	6.7	6.8	7.6	8.8	19.5	16.1	20.3	8.3
Roanoke City	16,883	28,715	3.4	7.8	10.4	10.6	10.1	10.8	19.0	11.3	11.2	5.9
Salem City	5,030	32,299	2.4	5.4	7.8	8.8	9.7	11.5	20.3	14.3	14.5	5.8
6. Central Shenandoah	45,947	29,050	2.6	6.2	9.8	10.8	11.5	11.7	20.4	12.3	10.8	4.4
Augusta County	12,191	29,762	2.5	5.8	8.9	10.6	11.2	11.8	21.3	14.2	11.0	3.2
Bath County	1,218	24,766	3.5	7.7	13.1	13.9	12.7	14.1	17.5	6.3	8.3	3.5
Buena Vista City	1,244	27,334	2.4	7.4	10.6	11.7	12.6	12.2	24.9	10.2	7.1	1.5
Harrisonburg City	4,282	31,568	2.8	5.6	9.1	8.6	10.7	10.8	17.6	12.5	14.4	8.4
Highland County	579	21,406	5.1	10.5	15.1	15.9	13.3	10.8	15.6	7.6	4.5	2.1
Lexington City	908	33,684	2.8	4.2	9.5	10.5	8.5	8.4	17.6	13.9	14.8	10.2
Rockbridge County	3,805	25,771	3.2	7.8	10.8	12.5	13.9	13.1	18.7	9.9	7.3	3.3
Rockingham County	13,028	28,859	2.5	6.3	9.6	10.4	11.9	12.4	21.7	12.1	9.7	3.8
Staunton City	4,614	29,948	2.4	5.5	10.6	11.0	10.6	10.3	20.6	12.4	12.0	5.1
Waynesboro City	4,081	30,584	2.1	5.5	9.9	10.7	10.5	10.5	18.6	12.5	13.9	6.3
7. Lord Fairfax	32,984	30,246	2.9	6.2	8.8	10.1	10.6	11.3	20.5	13.5	12.0	4.7
Clarke County	2,337	35,031	2.6	5.0	7.9	8.2	8.9	9.0	17.4	16.1	17.5	7.8
Frederick County	9,947	32,745	2.6	5.3	7.5	8.8	9.6	10.6	21.7	15.2	14.5	4.7
Page County	4,479	25,498	3.8	8.1	11.9	12.3	13.0	12.1	18.6	10.6	7.4	2.7
Shenandoah County	6,647	27,756	2.7	6.9	9.9	12.0	11.6	13.0	20.7	11.6	8.7	3.4
Warren County	5,413	31,347	2.7	5.7	8.3	9.6	10.4	10.6	22.6	14.9	12.3	3.5
Winchester City	4,162	31,080	3.3	6.2	8.0	9.7	9.9	11.4	18.1	12.6	12.6	8.8

TABLE A.12 (continued)
Distribution of Married Couple Tax Returns by Adjusted Gross Income Class in the Planning Districts, 1988

	Number of Returns	Median AGI per Return	Adjusted Gross Income Class									
			Less than \$5,000	\$5,000–\$9,999	\$10,000–\$14,999	\$15,000–\$19,999	\$20,000–\$24,999	\$25,000–\$29,999	\$30,000–\$39,999	\$40,000–\$49,999	\$50,000–\$74,999	\$75,000 or more
			Percent									
8. Northern Virginia	268,045	54,559	1.6	2.6	3.5	4.0	4.3	4.7	11.4	12.9	29.5	25.9
Alexandria City	20,248	47,305	2.2	3.9	5.2	5.9	5.9	6.2	12.5	11.7	22.1	24.8
Arlington County	25,891	50,333	1.7	3.5	4.9	5.5	5.7	5.8	11.7	11.2	24.2	26.2
Fairfax County	2,860	51,780	1.8	2.1	3.6	4.0	5.1	5.2	12.1	14.4	28.7	23.4
Fairfax City	150,370	59,536	1.4	2.1	2.9	3.3	3.6	4.0	9.8	11.6	30.4	31.2
Falls Church City	4,866	41,173	2.1	4.4	6.3	7.7	7.5	7.2	14.0	10.6	21.9	18.9
Loudoun County	17,890	50,484	1.4	2.2	3.6	3.8	4.3	4.9	12.9	16.6	33.3	17.4
Manassas City	6,263	46,828	1.8	2.6	3.8	3.8	4.9	5.8	16.1	17.0	32.0	12.7
Manassas Park City	1,085	37,536	1.4	2.8	4.1	6.1	7.7	8.6	26.1	24.6	17.5	1.6
Prince William County	38,576	47,714	1.8	2.9	3.7	4.2	4.6	5.5	14.5	17.2	32.7	13.5
9. Rappahannock-Rapidan	24,025	36,097	2.3	4.8	7.2	7.8	8.2	8.9	18.3	15.0	8.8	9.2
Culpeper County	5,436	33,012	2.8	5.8	7.9	8.4	10.0	9.6	19.2	15.3	15.5	6.0
Fauquier County	10,405	43,415	1.8	3.2	4.9	5.3	6.3	7.1	16.2	16.4	25.5	13.9
Madison County	2,219	28,291	2.6	6.5	10.9	12.5	10.3	11.4	19.9	11.7	10.1	4.6
Orange County	4,529	31,419	2.4	5.7	9.8	9.7	9.2	10.6	21.1	13.9	13.1	5.1
Rappahannock County	1,436	31,950	3.4	7.1	8.1	9.2	8.9	9.9	18.7	13.0	14.2	7.9
10. Thomas Jefferson	28,690	33,897	2.7	5.5	7.9	8.6	9.2	9.1	18.7	13.7	15.7	9.4
Albemarle County	11,801	39,131	2.4	4.0	6.0	7.2	7.9	7.5	16.9	14.4	20.1	14.2
Charlottesville City	6,202	33,350	2.9	6.4	8.7	8.5	8.9	9.2	17.1	12.8	15.6	10.3
Fluvanna County	2,369	30,900	2.6	6.0	9.2	9.9	9.5	11.2	21.6	14.4	12.2	3.8
Greene County	2,133	32,010	3.1	4.9	7.0	9.5	10.4	10.3	25.4	15.9	10.9	3.1
Louisa County	3,764	29,101	2.9	7.2	10.2	9.7	11.6	10.7	20.5	12.8	11.4	3.5
Nelson County	2,422	26,847	3.2	8.3	10.8	12.0	11.7	11.3	19.3	11.4	8.6	3.7
11. Central Virginia	41,335	30,913	2.8	6.4	9.0	9.3	10.1	10.9	20.3	13.7	13.1	4.9
Amherst County	5,691	30,747	2.6	6.0	8.9	9.5	10.0	11.6	22.3	14.1	12.8	2.7
Appomattox County	2,695	28,607	4.4	7.9	9.6	9.2	11.0	11.3	23.2	12.0	9.4	2.5
Bedford County	10,443	31,063	2.5	6.2	8.4	9.2	10.6	11.3	19.9	14.1	13.3	5.0
Bedford City	1,056	28,351	3.0	8.1	10.3	10.6	10.6	11.8	19.0	12.7	9.7	4.8

TABLE A.12 (continued)

Distribution of Married Couple Tax Returns by Adjusted Gross Income Class in the Planning Districts, 1988

	Number of Returns	Median AGI per Return	Adjusted Gross Income Class									
			Less than \$5,000	\$5,000-\$9,999	\$10,000-\$14,999	\$15,000-\$19,999	\$20,000-\$24,999	\$25,000-\$29,999	\$30,000-\$39,999	\$40,000-\$49,999	\$50,000-\$74,999	\$75,000 or more
			Percent									
Campbell County	10,113	31,006	2.7	5.9	8.9	9.1	10.4	11.2	21.0	14.5	13.4	3.4
Lynchburg City	11,339	31,748	2.8	6.5	9.5	9.5	9.2	9.5	18.4	13.0	14.1	7.9
12. West Piedmont	48,748	27,314	2.9	7.3	11.0	11.7	11.7	12.5	19.8	11.2	9.2	3.4
Danville City	9,351	27,908	3.3	8.1	11.3	11.3	10.3	10.2	17.7	12.0	11.5	4.8
Franklin County	8,402	27,243	3.1	7.1	10.5	11.9	12.1	12.7	19.8	11.2	8.9	3.3
Henry County	12,681	27,174	2.2	6.8	10.9	12.1	12.1	14.1	20.5	10.6	8.5	2.6
Martinsville City	2,903	29,235	2.0	6.5	10.6	11.4	11.1	10.4	17.6	9.7	11.8	9.5
Patrick County	3,653	25,566	2.5	7.0	12.6	12.7	13.8	14.4	21.4	8.9	5.2	2.0
Pittsylvania County	11,760	27,395	3.4	7.5	10.7	11.5	11.4	12.2	21.0	12.1	8.8	2.0
13. Southside	14,712	25,245	3.5	8.5	12.4	12.7	12.6	11.8	19.4	9.9	7.0	2.8
Brunswick County	2,440	24,026	3.5	9.6	13.8	12.6	13.5	11.4	18.5	9.4	5.8	2.6
Halifax County	5,512	25,762	3.3	8.3	12.7	11.8	12.2	12.6	21.6	10.3	6.1	1.6
Mecklenburg County	5,516	24,692	3.7	8.5	12.0	13.7	13.2	11.2	18.3	9.7	7.1	3.2
South Boston City	1,245	28,202	3.4	7.2	9.9	11.8	10.7	11.2	16.2	10.1	12.8	7.0
14. Piedmont	14,685	24,367	4.2	9.3	12.7	13.1	12.4	11.4	17.3	9.3	8.0	2.7
Amelia County	1,763	27,431	4.0	7.4	10.6	10.8	12.0	11.2	20.0	11.8	10.2	2.5
Buckingham County	2,145	23,222	4.7	10.3	12.1	14.9	12.9	11.6	16.4	8.4	7.4	1.9
Charlotte County	2,170	22,171	4.2	10.8	15.5	14.3	12.5	11.5	17.5	7.4	4.8	1.9
Cumberland County	1,358	24,235	4.0	9.5	12.3	13.8	12.7	10.8	16.4	10.4	7.3	3.4
Lunenburg County	2,168	22,966	4.0	9.4	13.9	14.8	13.7	12.1	16.8	7.6	6.2	2.0
Nottoway County	2,610	25,695	4.6	8.4	12.2	12.0	11.6	10.5	18.2	10.1	9.9	3.0
Prince Edward County	2,472	25,608	3.9	9.2	12.1	11.7	11.9	12.0	16.0	9.8	9.5	4.2
15. Richmond Regional	135,993	40,831	1.7	3.8	5.8	6.2	6.6	7.7	17.2	16.4	23.3	11.8
Charles City County	1,170	31,868	2.4	5.0	8.0	10.1	11.3	9.5	21.7	12.6	15.6	4.3
Chesterfield County	44,253	44,979	1.2	2.4	4.1	4.6	5.4	6.7	17.0	18.2	28.3	12.7
Goochland County	2,812	37,663	2.5	3.8	6.8	7.1	8.3	8.2	17.8	15.6	16.1	14.3
Hanover County	14,440	41,154	1.5	3.3	5.6	6.0	6.1	7.5	18.1	18.2	24.8	9.2
Henrico County	38,909	41,404	1.5	3.6	5.4	5.8	6.7	7.8	17.4	16.5	23.6	12.3
New Kent County	2,437	38,949	1.7	4.4	5.8	7.0	6.3	8.8	18.4	16.9	23.9	7.4

TABLE A.12 (continued)
Distribution of Married Couple Tax Returns by Adjusted Gross Income Class in the Planning Districts, 1988

	Number of Returns	Median AGI per Return	Adjusted Gross Income Class									
			Less than \$5,000	\$5,000-\$9,999	\$10,000-\$14,999	\$15,000-\$19,999	\$20,000-\$24,999	\$25,000-\$29,999	\$30,000-\$39,999	\$40,000-\$49,999	\$50,000-\$74,999	\$75,000 or more
			Percent									
Powhatan County	2,968	36,348	1.8	5.0	7.1	6.7	7.8	9.5	19.7	17.5	17.8	7.7
Richmond City	29,006	34,207	2.6	6.1	8.6	8.8	8.4	8.9	16.5	12.8	16.1	11.8
16. RADCO	32,206	37,674	2.3	4.3	6.1	6.8	8.0	8.7	18.4	16.5	21.5	7.8
Caroline County	3,637	30,778	3.3	5.9	7.7	9.4	10.8	11.6	21.4	14.1	12.3	4.0
Fredericksburg City	3,171	32,870	3.5	5.9	8.8	8.3	9.3	10.0	16.0	12.9	15.2	10.7
King George County	2,571	35,282	3.3	4.8	6.7	9.1	9.3	8.2	17.0	14.9	19.6	7.7
Spotsylvania County	11,192	37,515	2.0	4.1	5.5	6.5	8.3	9.3	19.6	18.1	21.1	6.2
Stafford County	11,636	42,260	1.9	3.5	5.1	5.4	6.2	7.0	17.4	17.2	27.1	9.8
17. Northern Neck	9,181	27,414	3.9	8.8	10.9	11.0	10.9	10.1	17.2	10.6	10.3	6.9
Lancaster County	2,367	28,825	3.4	8.3	9.8	10.1	11.1	10.0	16.5	9.4	11.4	10.6
Northumberland County	2,211	25,748	4.0	9.0	11.9	11.7	12.1	11.1	15.3	9.3	8.3	7.8
Richmond County	1,689	28,432	3.9	9.1	10.7	10.4	9.9	9.3	19.3	11.4	10.4	6.3
Westmoreland County	2,915	27,145	4.3	8.8	11.0	11.5	10.3	9.9	18.1	12.1	10.8	3.6
18. Middle Peninsula	15,076	30,541	3.1	6.8	9.3	9.6	9.6	10.7	19.1	13.2	14.1	4.9
Essex County	1,683	28,074	3.2	6.6	10.6	11.8	10.5	12.4	20.4	10.7	10.1	4.2
Gloucester County	6,352	31,893	3.0	7.1	8.4	8.2	9.3	10.5	20.2	14.4	14.5	4.9
King and Queen County	1,185	28,267	2.6	8.0	10.8	11.3	11.0	10.1	17.3	11.4	14.6	3.4
King William County	2,158	35,047	2.3	5.0	7.1	9.2	7.6	9.1	20.0	15.5	19.3	5.5
Mathews County	1,851	29,087	3.4	6.5	10.8	9.2	11.0	11.6	17.6	12.6	12.8	5.1
Middlesex County	1,848	26,595	4.6	7.9	11.6	12.6	10.1	11.3	15.6	10.2	11.3	5.4
19. Crater	27,077	30,955	3.1	6.6	9.2	9.4	9.8	10.4	19.3	14.3	14.5	4.0
Colonial Heights City	3,790	36,103	2.1	4.8	7.4	7.8	7.5	9.5	18.4	16.2	21.0	5.8
Dinwiddie County	4,088	29,489	2.4	6.8	9.1	10.7	11.0	11.4	19.3	14.6	12.1	3.0
Emporia City	928	26,692	4.6	8.4	10.1	12.7	10.9	10.9	17.4	11.5	10.6	3.5
Greensville County	1,557	25,741	4.6	9.1	11.8	9.8	13.1	13.1	21.1	10.7	5.9	1.4
Hopewell City	4,344	31,395	2.2	5.9	8.6	9.6	9.7	11.2	21.5	14.6	14.4	2.7
Petersburg City	5,180	28,522	3.9	7.6	11.3	10.9	9.9	9.5	17.4	12.9	12.6	4.5
Prince George County	4,211	36,033	3.2	5.7	7.2	6.7	7.4	8.5	19.1	17.1	19.8	5.7

TABLE A.12 (continued)

Distribution of Married Couple Tax Returns by Adjusted Gross Income Class in the Planning Districts, 1988

	Number of Returns	Median AGI per Return	Adjusted Gross Income Class									
			Less than \$5,000	\$5,000-\$9,999	\$10,000-\$14,999	\$15,000-\$19,999	\$20,000-\$24,999	\$25,000-\$29,999	\$30,000-\$39,999	\$40,000-\$49,999	\$50,000-\$74,999	\$75,000 or more
			Percent									
Surry County	1,189	30,622	3.5	5.5	9.6	9.1	10.7	10.6	21.7	13.1	13.1	3.6
Sussex County	1,791	27,137	3.8	8.0	10.7	9.8	12.9	11.9	19.3	10.9	9.6	3.5
20. Southeastern Virginia	155,452	33,303	3.4	5.8	8.3	8.6	8.9	9.3	18.3	14.7	16.5	6.8
Chesapeake City	28,721	36,079	2.2	4.2	6.8	7.7	8.2	9.2	19.7	17.2	20.0	5.3
Franklin City	1,273	33,951	2.6	6.8	8.3	10.1	8.0	8.9	14.3	13.9	18.3	9.4
Isle of Wight County	5,014	34,303	2.4	4.5	7.1	8.1	8.8	10.8	20.1	17.4	16.6	4.7
Norfolk City	29,840	28,290	4.1	7.5	10.7	10.7	10.6	10.2	17.5	11.7	11.2	6.4
Portsmouth City	16,622	29,669	2.8	5.8	10.0	10.5	11.2	10.8	20.0	13.8	12.2	3.5
Southampton County	3,080	29,792	3.5	7.5	9.1	9.3	10.8	10.5	18.3	14.0	14.5	2.9
Suffolk City	9,218	32,763	2.6	5.2	9.1	8.8	8.9	10.2	19.7	15.5	14.8	5.7
Virginia Beach City	61,685	35,721	4.0	5.9	7.2	7.4	7.6	8.3	17.4	14.9	18.8	9.0
21. Peninsula	66,665	34,899	3.0	5.4	7.4	7.6	8.0	9.6	19.1	15.3	18.1	7.0
Hampton City	22,152	33,090	3.3	5.9	8.0	8.1	8.6	10.1	20.8	15.8	15.9	4.1
James City County	6,828	40,501	2.0	3.8	5.2	6.3	7.3	8.8	16.1	14.8	21.6	14.5
Newport News City	26,021	33,230	3.4	5.8	8.2	8.1	8.3	10.2	19.6	15.1	16.3	5.6
Poquoson City	2,427	40,533	2.1	3.6	6.1	5.2	6.2	8.9	17.5	16.5	25.4	9.1
Williamsburg City	1,586	35,946	2.8	6.9	7.6	7.1	7.6	9.3	15.1	11.7	16.1	16.2
York County	7,652	41,495	2.4	4.1	5.8	6.2	6.2	7.0	16.3	15.6	25.9	11.0
Accomack-Norhampton	7,540	23,685	4.7	10.6	13.8	12.3	12.0	10.7	15.3	8.6	8.4	4.0
Accomack County	5,459	24,196	4.7	10.2	13.3	11.8	12.0	10.7	16.1	9.0	8.7	3.9
Norhampton County	2,081	22,339	4.7	11.5	15.0	13.4	11.9	10.6	13.3	7.6	7.9	4.4
23. Hampton Roads	222,117	33,915	3.3	5.7	8.0	8.3	8.6	9.4	18.5	14.9	17.0	6.9
Chesapeake City	28,721	36,079	2.2	4.2	6.8	7.7	8.2	9.2	19.7	17.2	20.0	5.3
Franklin City	1,273	33,951	2.6	6.8	8.3	10.1	8.0	8.9	14.3	13.9	18.3	9.4
Hampton City	22,152	33,090	3.3	5.9	8.0	8.1	8.6	10.1	20.8	15.8	15.9	4.1
Isle of Wight County	5,014	34,303	2.4	4.5	7.1	8.1	8.8	10.8	20.1	17.4	16.6	4.7
James City County	6,828	40,501	2.0	3.8	5.2	6.3	7.3	8.8	16.1	14.8	21.6	14.5
Newport News City	26,021	33,230	3.4	5.8	8.2	8.1	8.3	10.2	19.6	15.1	16.3	5.6

TABLE A.12 (continued)
Distribution of Married Couple Tax Returns by Adjusted Gross Income Class in the Planning Districts, 1988

	Number of Returns	Median AGI per Return	Adjusted Gross Income Class									
			Less than \$5,000	\$5,000- \$9,999	\$10,000- \$14,999	\$15,000- \$19,999	\$20,000- \$24,999	\$25,000- \$29,999	\$30,000- \$39,999	\$40,000- \$49,999	\$50,000- \$74,999	\$75,000 or more
			Percent									
Norfolk City	29,840	28,290	4.1	7.5	10.7	10.7	10.6	10.2	17.5	11.7	11.2	6.4
Poquoson City	2,427	40,533	2.1	3.6	6.1	5.2	6.2	8.9	17.5	16.5	25.4	9.1
Portsmouth City	16,622	29,669	2.8	5.8	10.0	10.5	11.2	10.8	20.0	13.8	12.2	3.5
Southampton County	3,080	29,792	3.5	7.5	9.1	9.3	10.8	10.5	18.3	14.0	14.5	2.9
Suffolk City	9,218	32,763	2.6	5.2	9.1	8.8	8.9	10.2	19.7	15.5	14.8	5.7
Virginia Beach City	61,685	35,721	4.0	5.9	7.2	7.4	7.6	8.3	17.4	14.9	18.8	9.0
Williamsburg City	1,586	35,946	2.8	6.9	7.6	7.1	7.6	9.3	15.1	11.7	16.1	16.2
York County	7,652	41,495	2.4	4.1	5.8	6.2	6.2	7.0	16.3	15.6	25.9	11.0

Source: Robert W. Cox and Gerard W. Ward, 1988 *Virginia AGI: Distribution of Virginia Adjusted Gross Income by Income Class and Locality* (Charlottesville, Virginia: Center for Public Service, University of Virginia, 1990)

TABLE A.13
Average Weekly Wages and Employment in the Planning Districts,
Third Quarter 1989

	Average Weekly Employment		Average Weekly Wages	
	Number	Percent of PD	Wage	Percent of State
Virginia	2,748,984		\$410	100.0
1. LENOWISCO	24,195	100.0	352	85.9
Lee County	4,318	17.8	290	70.8
Norton City	2,959	12.2	354	86.4
Scott County	3,767	15.6	298	72.7
Wise County	13,151	54.4	388	94.7
2. Cumberland Plateau	34,918	100.0	361	88.1
Buchanan County	11,121	31.8	435	106.1
Dickenson County	3,788	10.8	328	80.0
Russell County	6,255	17.9	321	78.3
Tazewell County	13,753	39.4	329	80.3
3. Mount Rogers	68,849	100.0	307	74.9
Bland County	1,702	2.5	333	81.3
Bristol City	12,562	18.2	321	78.3
Carroll County	4,665	6.8	271	66.1
Galax City	9,449	13.7	256	62.5
Grayson County	2,412	3.5	266	64.9
Smyth County	13,362	19.4	309	75.4
Washington County	15,057	21.9	347	84.7
Wythe County	9,642	14.0	298	72.7
4. New River Valley	58,820	100.0	354	86.4
Floyd County	2,023	3.4	255	62.2
Giles County	5,550	9.4	404	98.6
Montgomery County	30,529	51.9	348	84.9
Pulaski County	13,424	22.8	352	85.9
Radford City	7,294	12.4	369	90.0
5. Fifth	130,519	100.0	365	89.1
Alleghany County	3,245	2.5	312	76.1
Botetourt County	4,602	3.5	318	77.6
Clifton Forge City	1,016	0.8	265	64.7
Covington City	4,790	3.7	470	114.7
Craig County	543	0.4	252	61.5
Roanoke City	71,117	54.5	353	86.1
Roanoke County	25,452	19.5	367	89.6
Salem City	19,755	15.1	405	98.8

TABLE A.13 (continued)
Average Weekly Wages and Employment in the Planning Districts,
Third Quarter 1989

	Average Weekly Employment		Average Weekly Wages	
	Number	Percent of PD	Wage	Percent of State
6. Central Shenandoah	94,907	100.0	\$353	86.1
Augusta County	18,831	19.8	369	90.0
Bath County	2,411	2.5	347	84.7
Buena Vista City	2,092	2.2	349	85.2
Harrisonburg City	19,268	20.3	328	80.0
Highland County	583	0.6	227	55.4
Lexington City	3,602	3.8	357	87.1
Rockbridge County	5,754	6.1	301	73.4
Rockingham County	20,410	21.5	361	88.1
Staunton City	9,797	10.3	322	78.6
Waynesboro City	12,159	12.8	414	101.0
7. Lord Fairfax	63,547	100.0	339	82.7
Clarke County	3,647	5.7	324	79.1
Frederick County	13,561	21.3	366	89.3
Page County	5,931	9.3	266	64.9
Shenandoah County	12,494	19.7	304	74.2
Warren County	7,953	12.5	322	78.6
Winchester City	19,960	31.4	375	91.5
8. Northern Virginia	764,146	100.0	516	125.9
Alexandria City	85,156	11.1	499	121.8
Arlington County	154,329	20.2	603	147.1
Fairfax City	21,525	2.8	526	128.4
Fairfax County	374,877	49.1	510	124.4
Falls Church City	19,291	2.5	477	116.4
Loudoun County	35,285	4.6	470	114.7
Manassas City	19,825	2.6	493	120.3
Manassas Park City	1,119	0.1	397	96.9
Prince William County	52,740	6.9	386	94.2
9. Rappahannock-Rapidan	33,721	100.0	352	85.9
Culpeper County	9,942	29.5	343	83.7
Fauquier County	14,123	41.9	399	97.4
Madison County	2,046	6.1	251	61.2
Orange County	6,628	19.7	307	74.9
Rappahannock County	982	2.9	296	72.2
10. Thomas Jefferson	76,262	100.0	371	90.5
Albemarle County	33,014	43.3	400	97.6
Charlottesville City	30,758	40.3	347	84.7
Fluvanna County	2,133	2.8	338	82.5
Greene County	1,309	1.7	297	72.5
Louisa County	6,261	8.2	412	100.5
Nelson County	2,787	3.7	267	65.2
11. Central Virginia	89,339	100.0	354	86.4
Amherst County	9,165	10.3	339	82.7
Appomattox County	3,913	4.4	287	70.0
Bedford City	4,685	5.2	310	75.6

TABLE A.13 (continued)
Average Weekly Wages and Employment in the Planning Districts,
Third Quarter 1989

	Average Weekly Employment		Average Weekly Wages	
	Number	Percent of PD	Wage	Percent of State
Bedford County	7,196	8.1	\$302	73.7
Campbell County	19,163	21.4	388	94.7
Lynchburg City	45,216	50.6	361	88.1
12. West Piedmont	99,785	100.0	324	79.1
Danville City	26,291	26.3	327	79.8
Franklin County	10,437	10.5	290	70.8
Henry County	25,024	25.1	322	78.6
Martinsville City	17,625	17.7	311	75.9
Patrick County	5,199	5.2	263	64.2
Pittsylvania County	15,208	15.2	380	92.7
13. Southside	30,868	100.0	291	71.0
Brunswick County	4,439	14.4	303	73.9
Halifax County	7,991	25.9	317	77.4
Mecklenburg County	13,658	44.2	277	67.6
South Boston City	4,780	15.5	276	67.3
14. Piedmont	23,016	100.0	287	70.0
Amelia County	1,859	8.1	294	71.7
Buckingham County	2,322	10.1	313	76.4
Charlotte County	2,512	10.9	288	70.3
Cumberland County	899	3.9	256	62.5
Lunenburg County	3,219	14.0	250	61.0
Nottoway County	5,401	23.5	304	74.2
Prince Edward County	6,805	29.6	283	69.1
15. Richmond Regional	419,826	100.0	428	104.4
Charles City County	792	0.2	306	74.7
Chesterfield County	70,716	16.8	420	102.5
Goochland County	2,778	0.7	355	86.6
Hanover County	28,562	6.8	353	86.1
Henrico County	113,240	27.0	415	101.3
New Kent County	1,612	0.4	323	78.8
Powhatan County	2,858	0.7	345	84.2
Richmond City	199,267	47.5	453	110.5
16. RADCO	50,949	100.0	367	89.6
Caroline County	4,096	8.0	339	82.7
Fredericksburg City	18,287	35.9	337	82.2
King George County	6,525	12.8	494	120.5
Spotsylvania County	11,061	21.7	361	88.1
Stafford County	10,980	21.6	358	87.4
17. Northern Neck	12,649	100.0	291	71.0
Lancaster County	4,337	34.3	294	71.7
Northumberland County	2,644	20.9	304	74.2
Richmond County	2,771	21.9	316	77.1
Westmoreland County	2,900	22.9	250	61.0

TABLE A.13 (continued)

Average Weekly Wages and Employment in the Planning Districts,
Third Quarter 1989

	Average Weekly Employment		Average Weekly Wages	
	Number	Percent of PD	Wage	Percent of State
18. Middle Peninsula	17,502	100.0	\$308	75.2
Essex County	3,310	18.9	258	63.0
Gloucester County	6,171	35.3	289	70.5
King and Queen County	736	4.2	281	68.6
King William County	3,656	20.9	437	106.6
Mathews County	1,287	7.4	256	62.5
Middlesex County	2,342	13.4	268	65.4
19. Crater	58,067	100.0	355	86.6
Colonial Heights City	5,791	10.0	255	62.2
Dinwiddie County	5,189	8.9	356	86.9
Emporia City	3,607	6.2	251	61.2
Greensville County	3,192	5.5	351	85.7
Hopewell City	8,152	14.0	465	113.5
Petersburg City	16,910	29.1	317	77.4
Prince George County	10,108	17.4	367	89.6
Surry County	2,655	4.6	635	155.0
Sussex County	2,464	4.2	293	71.5
20. Southeastern Virginia	392,759	100.0	369	90.0
Chesapeake City	41,294	10.5	349	85.2
Franklin City	2,937	0.7	321	78.3
Isle of Wight County	9,434	2.4	439	107.1
Norfolk City	154,063	39.2	397	96.9
Portsmouth City	46,198	11.8	427	104.2
Southampton County	3,847	1.0	319	77.8
Suffolk City	15,998	4.1	336	82.0
Virginia Beach City	118,988	30.3	320	78.1
21. Peninsula	186,281	100.0	370	90.3
Hampton City	57,501	30.9	369	90.0
James City County	15,286	8.2	337	82.2
Newport News City	81,634	43.8	393	95.9
Poquoson City	1,149	0.6	281	68.6
Williamsburg City	18,200	9.8	310	75.6
York County	12,511	6.7	367	89.6
22. Accomack-Northampton	18,059	100.0	269	65.6
Accomack County	13,247	73.4	276	67.3
Northampton County	4,812	26.6	251	61.2
23. Hampton Roads	579,040	100.0	369	90.1
Chesapeake City	41,294	10.5	349	85.2
Franklin City	2,937	0.7	321	78.3
Hampton City	57,501	30.9	369	90.0
Isle of Wight County	9,434	2.4	439	107.1
James City County	15,286	8.2	337	82.2
Newport News City	81,634	43.8	393	95.9
Norfolk City	154,063	39.2	397	96.9
Poquoson City	1,149	0.6	281	68.6

TABLE A.13 (continued)
Average Weekly Wages and Employment in the Planning Districts,
Third Quarter 1989

	Average Weekly Employment		Average Weekly Wages	
	Number	Percent of PD	Wage	Percent of State
Portsmouth City	46,198	11.8	\$427	104.2
Southampton County	3,847	1.0	319	77.8
Suffolk City	15,998	4.1	336	82.0
Virginia Beach City	118,988	30.3	320	78.1
Williamsburg City	18,200	9.8	310	75.6
York County	12,511	6.7	367	89.6

Note: The reported employment is from VEC-covered wages and employment series and differs from BEA employment. Railroad employment, government workers who are elected officials, military, self-employed persons, agriculture employment, insurance and real estate agents, newspaper carriers, and aliens are among those not included in this series.

Source: Virginia Employment Commission, *Covered Employment and Wages in Virginia by 2-digit SIC Industry, Third Quarter 1989* (Richmond, 1990).

TABLE A.14
Taxable Sales in the Planning Districts, 1989

Location	Taxable Sales		Per Capita
	(000s)	Percent of PD	
Virginia	\$40,589,786		\$6,748
1. LENOWISCO	375,004	100.0	3,830
Lee County	57,207	15.3	2,243
Norton City	58,145	15.5	13,215
Scott County	74,474	19.9	2,967
Wise County	185,178	49.4	4,317
2. Cumberland Plateau	485,336	100.0	3,663
Buchanan County	120,500	24.8	3,523
Dickenson County	40,096	8.3	2,121
Russell County	74,704	15.4	2,402
Tazewell County	250,037	51.5	5,177
3. Mount Rogers	874,453	100.0	4,861
Bland County	7,254	0.8	1,133
Bristol City	217,789	24.9	12,304
Carroll County	58,744	6.7	2,136
Galax City	104,692	12.0	15,173
Grayson County	19,619	2.2	1,211
Smyth County	133,682	15.3	4,113
Washington County	132,506	21.6	4,011
Wythe County	144,167	16.5	5,632
4. New River Valley	695,239	100.0	4,848
Floyd County	21,375	3.1	1,781
Giles County	65,748	9.5	3,845
Montgomery County	396,350	57.0	5,916
Pulaski County	162,376	23.4	4,776
Radford City	49,390	7.1	3,686
5. Fifth	2,054,999	100.0	8,107
Alleghany County	34,580	1.7	2,600
Botetourt County	68,740	3.3	2,717
Clifton Forge City	22,461	1.1	4,584
Covington City	73,438	3.6	9,924
Craig County	6,912	0.3	1,686
Roanoke City	1,095,901	53.3	11,115
Roanoke County	449,557	21.9	5,954
Salem City	303,411	14.8	12,538

TABLE A.14 (continued)
Taxable Sales in the Planning Districts, 1989

Location	Taxable Sales		Per Capita
	(000s)	Percent of PD	
6. Central Shenandoah	\$1,416,152	100.0	\$6,535
Augusta County	236,579	16.7	4,585
Bath County	41,021	2.9	8,204
Buena Vista City	26,938	1.9	4,209
Harrisonburg City	472,127	33.3	17,106
Highland County	4,583	0.3	1,763
Lexington City	36,502	2.6	5,290
Rockbridge County	87,981	6.2	4,915
Rockingham County	164,236	11.6	2,928
Staunton City	156,332	11.0	6,487
Waynesboro City	189,853	13.4	10,374
7. Lord Fairfax	1,027,620	100.0	6,920
Clarke County	26,839	2.6	2,485
Frederick County	243,477	23.7	6,102
Page County	86,483	8.4	4,198
Shenandoah County	143,826	14.0	4,859
Warren County	140,892	13.7	5,613
Winchester City	386,102	37.6	17,237
8. Northern Virginia	12,031,262	100.0	8,868
Alexandria City	1,068,695	8.9	9,932
Arlington County	1,360,521	11.3	8,557
Fairfax City	471,147	3.9	23,440
Fairfax County	6,357,947	52.8	8,373
Falls Church City	195,141	1.6	19,321
Loudoun County	790,638	6.6	10,514
Manassas City	245,781	2.0	10,549
Manassas Park City	46,313	0.4	6,344
Prince William County	1,495,078	12.4	7,679
9. Rappahannock-Rapidan	585,601	100.0	5,309
Culpeper County	177,438	30.3	6,877
Fauquier County	269,311	46.0	5,842
Madison County	32,676	5.6	2,971
Orange County	92,428	15.8	4,422
Rappahannock County	13,748	2.3	2,148
10. Thomas Jefferson	1,041,479	100.0	6,550
Albemarle County	418,430	40.2	6,621
Charlottesville City	490,074	47.1	11,641
Fluvanna County	18,682	1.8	1,544
Greene County	21,177	2.0	2,327
Louisa County	54,894	5.3	2,772
Nelson County	38,223	3.7	3,034
11. Central Virginia	1,158,705	100.0	5,633
Amherst County	116,213	10.0	4,021
Appomattox County	44,265	3.8	3,570
Bedford City	65,114	5.6	10,674
Bedford County	74,713	6.4	1,800

TABLE A.14 (continued)
Taxable Sales in the Planning Districts, 1989

Location	Taxable Sales		Per Capita
	(000s)	Percent of PD	
Campbell County	\$197,724	17.1	\$4,216
Lynchburg City	660,677	57.0	9,452
12. West Piedmont	1,086,746	100.0	4,465
Danville City	424,785	39.1	7,910
Franklin County	136,190	12.5	3,330
Henry County	228,706	21.0	3,936
Martinsville City	177,044	16.3	9,836
Patrick County	33,986	3.1	1,953
Pittsylvania County	86,035	7.9	1,553
13. Southside	348,864	100.0	4,249
Brunswick County	41,498	11.9	2,594
Halifax County	95,990	27.5	3,265
Mecklenburg County	156,371	44.8	5,265
South Boston City	55,004	15.8	7,858
14. Piedmont	292,484	100.0	3,417
Amelia County	21,608	7.4	2,542
Buckingham County	25,206	8.6	2,000
Charlotte County	24,275	8.3	2,057
Cumberland County	16,999	5.8	2,099
Lunenburg County	26,577	9.1	2,196
Nottoway County	61,061	20.9	4,098
Prince Edward County	116,759	39.9	6,634
15. Richmond Regional	6,022,488	100.0	8,470
Charles City County	7,674	0.1	1,163
Chesterfield County	1,359,277	22.6	7,265
Goochland County	50,759	0.8	3,760
Hanover County	489,845	8.1	8,302
Henrico County	2,294,232	38.1	11,190
New Kent County	22,508	0.4	2,028
Powhatan County	35,274	0.6	2,520
Richmond City	1,762,919	29.3	8,219
16. RADCO	1,042,461	100.0	6,805
Caroline County	48,897	4.7	2,534
Fredericksburg City	284,632	27.3	13,239
King George County	40,093	3.8	3,207
Spotsylvania County	438,161	42.0	9,958
Stafford County	230,679	22.1	4,127
17. Northern Neck	189,138	100.0	4,318
Lancaster County	74,169	39.2	6,743
Northumberland County	29,751	15.7	2,888
Richmond County	41,952	22.2	5,669
Westmoreland County	43,266	22.9	2,884

TABLE A.14 (continued)
Taxable Sales in the Planning Districts, 1989

Location	Taxable Sales		Per Capita
	(000s)	Percent of PD	
18. Middle Peninsula	\$298,788	100.0	\$4,038
Essex County	76,605	25.6	8,512
Gloucester County	117,404	39.3	3,837
King and Queen County	5,752	1.9	913
King William County	46,727	15.6	4,408
Mathews County	21,871	7.3	2,485
Middlesex County	30,429	10.2	3,498
19. Crater	842,440	100.0	5,175
Colonial Heights City	184,913	21.9	10,566
Dinwiddie County	45,271	5.4	2,146
Emporia City	64,593	7.7	11,137
Greensville County	18,981	2.3	2,063
Hopewell City	114,387	13.6	4,727
Petersburg City	303,889	36.1	7,394
Prince George County	60,746	7.2	2,242
Surry County	16,609	2.0	2,555
Sussex County	33,051	3.9	3,209
20. Southeastern Virginia	5,849,860	100.0	5,753
Chesapeake City	826,647	14.1	5,620
Franklin City	63,363	1.1	8,448
Isle of Wight County	98,936	1.7	3,880
Norfolk City	1,835,876	31.4	6,311
Portsmouth City	479,950	8.2	4,343
Southampton County	24,648	0.4	1,362
Suffolk City	199,087	3.4	3,771
Virginia Beach City	2,321,352	39.7	6,372
21. Peninsula	2,584,636	100.0	6,597
Hampton City	914,725	35.4	7,053
James City County	316,328	12.2	9,644
Newport News City	811,226	31.4	4,983
Poquoson City	23,768	0.9	2,161
Williamsburg City	272,447	10.5	21,971
York County	246,142	9.5	5,724
22. Accomack-Northampton	212,630	100.0	4,573
Accomack County	152,810	71.9	4,746
Northampton County	59,820	28.1	4,213
23. Hampton Roads	8,434,495	100.0	5,988
Chesapeake City	826,647	9.8	5,620
Franklin City	63,363	0.8	8,448
Hampton City	914,725	10.8	7,053
Isle of Wight County	98,936	1.2	3,880
James City County	316,328	3.8	9,644
Newport News City	811,226	9.6	4,983
Norfolk City	1,835,876	21.8	6,311
Poquoson City	23,768	0.3	2,161
Portsmouth City	479,950	5.7	4,343

TABLE A.14 (continued)
Taxable Sales in the Planning Districts, 1989

Location	Taxable Sales		Per Capita
	(000s)	Percent of PD	
Southampton County	\$24,648	0.3	\$1,362
Suffolk City	199,087	2.4	3,771
Virginia Beach City	2,321,352	27.5	6,372
Williamsburg City	272,447	3.2	21,971
York County	246,142	2.9	5,724

Note: The per capita figures are calculated by dividing taxable sales for 1989 by 1988 population.

Sources: Virginia Department of Taxation, *Taxable Sales in Virginia Counties and Cities, 1989* (Richmond, 1990);
 Julia H. Martin, *Estimates of the Population of Virginia Counties and Cities: 1987 and 1988* (Charlottesville, Virginia:
 Center for Public Service, University of Virginia, 1989).

TABLE A.15
Education Data for the Planning Districts, 1988-1989 School Year

Location	Median Years of Schooling	Dropout Rate	Graduates Continuing Education	Grade 11 Tests of Achievement and Proficiency					
				Reading	Math	Written Expression	Sources of Information	Social Studies	Science
Virginia	12.4	4.8%	70.3%	57	56	61	58	61	62
1. LENOWISCO	9.7	4.3	57.5	52	49	54	50	54	55
Lee County	9.0	4.2	58.9	46	40	44	44	48	44
Norton City	11.2	4.7	65.5	61	62	68	59	67	70
Scott County	9.3	4.0	50.9	48	50	53	49	50	55
Wise County	10.1	4.4	59.8	56	52	60	53	58	59
2. Cumberland Plateau	10.0	4.8	60.9	49	43	53	49	54	53
Buchanan County	8.8	4.2	71.6	43	37	47	43	47	47
Dickenson County	8.9	5.2	50.8	51	38	49	48	52	52
Russell County	10.3	4.3	60.0	49	43	50	47	53	53
Tazewell County	11.0	5.4	57.2	53	49	61	56	60	57
3. Mount Rogers	10.8	3.7	61.8	50	45	51	50	51	54
Bland County	11.7	4.8	49.5	56	54	56	50	65	53
Bristol City	12.0	5.3	75.6	53	50	60	56	53	59
Carroll County	9.6	2.9	47.6	43	35	40	45	44	46
Galax City	10.0	5.3	63.2	49	43	53	51	49	49
Grayson County	10.1	2.0	53.5	49	43	53	51	49	54
Smyth County	10.5	2.3	72.0	46	41	49	48	49	49
Washington County	11.3	4.2	55.6	55	54	52	53	53	61
Wythe County	11.4	4.5	68.9	51	42	54	50	53	54
4. New River Valley	12.0	4.0	60.7	54	50	53	54	56	61
Floyd County	10.5	3.6	47.9	46	42	48	50	53	52
Giles County	12.1	1.5	53.7	46	38	47	47	49	50
Montgomery County	12.5	4.6	65.0	62	57	60	61	64	71

TABLE A.15 (continued)
Education Data for the Planning Districts, 1988-1989 School Year

Location	Median Years of Schooling	Dropout Rate	Graduates Continuing Education	Grade 11 Tests of Achievement and Proficiency					
				Reading	Math	Written Expression	Sources of Information	Social Studies	Science
Pulaski County	11.6	4.8%	56.8%	49	48	47	50	50	54
Radford City	12.5	3.5	84.4	60	60	62	61	60	67
5. Fifth	12.3	4.3	68.8	57	54	59	57	60	63
Alleghany County	12.0	5.1	53.1	51	43	51	49	50	55
Botetourt County	12.2	3.5	69.2	57	48	57	58	60	60
Clifton Forge City	12.1	5.1	53.1	51	43	51	49	50	55
Covington City	11.8	3.9	64.1	52	47	54	50	50	51
Craig County	12.0	3.3	58.2	46	41	49	45	46	56
Roanoke City	12.2	5.1	61.3	51	48	55	50	56	57
Roanoke County	12.6	3.6	75.6	63	61	63	62	66	69
Salem City	12.4	4.9	80.6	63	65	71	67	67	70
6. Central Shenandoah	12.1	4.6	58.4	57	57	60	59	59	62
Augusta County	12.1	4.0	59.4	55	54	55	57	55	57
Bath County	11.6	3.1	58.8	43	46	48	45	44	56
Buena Vista City	11.1	5.4	52.1	63	61	66	57	63	62
Harrisonburg City	12.5	5.0	67.8	62	65	67	65	70	70
Highland County	12.1	0.0	51.5	59	52	55	55	63	57
Lexington City	12.7	5.3	68.4	56	57	62	60	60	61
Rockbridge County	11.7	5.3	68.4	56	57	62	60	60	61
Rockingham County	12.1	5.0	51.2	56	56	58	58	56	60
Staunton City	12.3	6.8	66.7	62	56	67	59	64	71
Waynesboro City	12.3	2.6	51.6	61	66	70	67	63	69
7. Lord Fairfax	11.9	6.5	59.8	56	51	58	56	59	60
Clarke County	12.3	4.5	56.3	50	50	59	56	54	59
Frederick County	12.1	6.5	65.5	60	56	59	60	60	58
Page County	10.6	8.3	44.0	49	42	49	48	53	59
Shenandoah County	12.0	3.1	62.3	52	45	57	52	54	58
Warren County	12.1	10.7	54.5	50	49	52	48	59	60
Winchester City	12.2	5.4	65.1	67	64	74	69	73	72

TABLE A.15 (continued)
Education Data for the Planning Districts, 1988-1989 School Year

Location	Median Years of Schooling	Dropout Rate	Graduates Continuing Education	Grade 11 Tests of Achievement and Proficiency					
				Reading	Math	Written Expression	Sources of Information	Social Studies	Science
8. Northern Virginia	14.3	3.0%	84.0%	67	70	70	70	71	72
Alexandria City	14.4	3.1	78.0	51	53	56	50	54	56
Arlington County	14.7	6.1	83.6	62	67	69	66	69	70
Fairfax City	13.7	2.6	88.9	70	74	72	73	74	75
Fairfax County	14.6	2.6	88.9	70	74	72	73	74	75
Falls Church City	15.0	1.2	88.0	66	67	62	68	70	69
Loudoun County	12.7	3.0	75.7	67	68	71	71	71	72
Manassas City	12.8	4.4	75.5	63	60	66	65	66	69
Manassas Park City	12.2	7.7	67.2	55	47	60	55	54	53
Prince William County	12.8	3.4	70.5	63	59	66	63	67	68
9. Rappahannock- Rapidan	11.9	6.1	63.3	54	54	56	54	57	59
Culpeper County	12.0	7.8	50.7	52	50	56	53	55	54
Fauquier County	12.3	5.5	72.2	62	57	60	62	64	67
Madison County	11.0	5.4	54.8	44	44	54	42	50	56
Orange County	12.0	6.0	63.7	45	41	48	43	45	49
Rappahannock County	10.8	4.1	57.3	55	53	59	57	61	56
10. Thomas Jefferson	12.2	4.8	65.2	55	53	58	55	58	61
Albemarle County	12.9	3.8	74.4	67	65	68	66	66	74
Charlottesville City	12.7	8.3	70.6	56	57	63	60	67	62
Fluvanna County	12.1	2.8	57.3	42	35	43	36	45	44
Greene County	11.9	3.9	51.1	48	46	48	49	57	57
Louisa County	10.9	5.1	59.1	40	35	44	41	41	45
Nelson County	10.2	4.9	40.3	47	39	48	48	49	50
11. Central Virginia	12.0	3.7	64.0	53	50	59	54	55	60
Amherst County	11.1	5.0	60.1	45	42	51	48	53	53
Appomattox County	11.3	2.4	49.0	46	39	47	50	44	44
Bedford City	12.1	3.2	59.0	50	47	58	52	50	59
Bedford County	12.0	3.2	59.0	50	47	58	52	50	59
Campbell County	12.0	4.3	64.7	58	55	63	58	62	63
Lynchburg City	12.4	3.2	73.9	57	55	62	57	58	65

TABLE A.15 (continued)
Education Data for the Planning Districts, 1988-1989 School Year

Location	Median Years of Schooling	Dropout Rate	Graduates Continuing Education	Grade 11 Tests of Achievement and Proficiency					
				Reading	Math	Written Expression	Sources of Information	Social Studies	Science
12. West Piedmont	11.0	5.9%	58.0%	47	44	54	48	53	53
Danville City	11.7	7.4	58.9	44	45	58	49	54	54
Franklin County	11.2	5.6	64.3	58	48	57	53	59	60
Henry County	10.9	6.5	60.9	44	43	54	49	52	50
Martinsville City	12.1	4.8	69.1	49	45	58	51	53	50
Patrick County	10.1	3.9	46.3	48	48	50	49	52	54
Pittsylvania County	10.4	5.3	51.5	44	40	50	44	50	50
13. Southside	10.8	5.1	58.5	41	38	52	43	45	45
Brunswick County	10.4	3.8	59.5	40	39	50	42	45	41
Halifax County	10.2	6.6	52.8	42	43	55	44	46	46
Mecklenburg County	11.2	4.2	65.2	40	31	50	41	43	45
South Boston City	11.9	6.6	52.8	42	43	55	44	46	46
14. Piedmont	10.7	5.4	50.5	40	39	49	41	47	45
Amelia County	10.7	5.9	53.7	43	38	47	44	48	48
Buckingham County	10.1	3.2	44.9	38	39	47	39	48	42
Charlotte County	10.2	7.2	38.4	32	29	44	32	39	36
Cumberland County	10.7	4.0	59.0	29	39	52	36	45	45
Lunenburg County	10.8	3.8	54.2	47	45	57	47	49	52
Nottoway County	10.8	7.1	55.5	39	38	49	40	51	44
Prince Edward County	11.6	5.7	51.7	48	48	49	51	50	47
15. Richmond Regional	12.4	5.8	69.7	57	56	65	59	61	62
Charles City County	11.0	7.8	49.4	43	34	50	43	46	41
Chesterfield County	12.7	3.4	74.9	64	65	67	65	66	69
Goochland County	11.6	6.6	56.0	51	45	60	51	60	54
Hanover County	12.3	4.1	74.2	59	55	61	60	59	67
Henrico County	12.6	4.6	71.4	58	57	67	59	60	63
New Kent County	12.1	3.0	51.2	41	35	48	44	41	41
Powhatan County	12.1	4.5	68.2	49	43	56	49	54	50
Richmond City	12.3	12.6	55.1	42	42	60	45	54	48

TABLE A.15 (continued)
Education Data for the Planning Districts, 1988-1989 School Year

Location	Median Years of Schooling	Dropout Rate	Graduates Continuing Education	Grade 11 Tests of Achievement and Proficiency					
				Reading	Math	Written Expression	Sources of Information	Social Studies	Science
16. RADCO	12.2	5.2%	58.5%	60	55	64	60	63	64
Caroline County	11.2	7.3	37.2	34	32	46	37	44	40
Fredericksburg City	12.4	7.3	65.1	65	68	74	67	71	73
King George County	12.4	2.4	66.9	58	54	67	59	65	63
Spotsylvania County	12.3	5.5	52.2	62	53	65	59	69	67
Stafford County	12.4	4.5	66.2	64	61	66	65	62	67
17. Northern Neck	11.5	6.3	60.0	49	50	61	52	54	53
Lancaster County	12.0	4.0	73.4	52	49	60	54	62	59
Northumberland County	11.7	8.0	60.4	44	45	53	44	47	49
Richmond County	11.1	4.7	66.3	59	66	67	60	61	69
Westmoreland County	11.2	7.8	48.4	44	46	63	52	49	43
18. Middle Peninsula	12.0	3.8	56.7	52	48	59	56	52	58
Essex County	11.6	5.3	58.4	51	46	63	56	54	53
Gloucester County	12.2	4.3	56.1	53	49	56	58	47	59
King and Queen County	11.2	2.9	36.4	48	44	56	48	46	48
King William County	12.1	2.8	66.2	47	41	58	51	49	56
Mathews County	12.1	2.0	62.4	64	59	71	65	69	71
Middlesex County	12.0	3.4	49.3	51	46	59	55	61	56
19. Crater	11.6	6.7	62.5	43	43	53	46	49	49
Colonial Heights City	12.5	3.1	79.7	64	67	72	65	66	70
Dinwiddie County	10.8	4.7	57.8	35	35	44	37	42	41
Emporia City	10.3	6.3	59.8	34	34	52	39	44	43
Greensville County	9.4	6.3	59.8	34	34	52	39	44	43
Hopewell City	12.1	8.5	58.5	48	46	53	51	49	55
Petersburg City	12.0	13.1	66.7	39	36	49	39	47	39
Prince George County	12.5	3.8	56.6	56	55	60	57	60	63
Surry County	10.8	4.6	86.5	32	39	52	39	37	42
Sussex County	9.9	3.6	39.4	21	23	31	29	31	30

TABLE A.15 (continued)
Education Data for the Planning Districts, 1988-1989 School Year

Location	Median Years of Schooling	Dropout Rate	Graduates Continuing Education	Grade 11 Tests of Achievement and Proficiency					
				Reading	Math	Written Expression	Sources of Information	Social Studies	Science
20. Southeastern Virginia	12.4	6.1%	76.3%	52	51	60	55	57	60
Chesapeake City	12.3	4.1	70.8	48	43	54	49	52	55
Franklin City	11.1	2.2	75.4	54	55	70	58	59	59
Isle of Wight County	11.8	5.5	62.2	38	37	48	45	50	50
Norfolk City	12.4	7.2	75.5	51	55	62	56	60	60
Portsmouth City	12.2	3.7	71.3	43	41	55	47	47	48
Southampton County	10.7	6.4	79.0	41	38	58	42	49	42
Suffolk City	11.6	5.4	57.7	42	40	53	47	45	46
Virginia Beach City	12.8	7.3	84.1	60	59	64	61	64	69
21. Peninsula	12.6	4.7	71.2	53	53	59	57	57	59
Hampton City	12.5	4.6	72.5	51	49	58	56	55	55
James City County	12.5	5.0	73.5	64	61	62	66	63	67
Newport News City	12.5	6.1	65.1	48	47	55	50	53	54
Poquoson City	12.6	1.9	66.0	63	66	68	64	65	69
Williamsburg City	14.3	5.0	73.5	64	61	62	66	63	67
York County	12.8	1.5	83.1	61	63	67	65	65	70
22. Accomack- Northampton	11.2	6.1	56.8	37	40	49	40	48	44
Accomack County	11.2	4.8	52.5	39	40	50	40	48	45
Northampton County	11.1	8.8	66.2	34	41	46	39	48	42
23. Hampton Roads	12.4	5.7	74.7	53	52	59	55	57	60
Chesapeake City	12.3	4.1	70.8	48	43	54	49	52	55
Franklin City	11.1	2.2	75.4	54	55	70	58	59	59
Hampton City	12.5	4.6	72.5	51	49	58	56	55	55
Isle of Wight County	11.8	5.5	62.2	38	37	48	45	50	50
James City County	12.5	0.0	0.0	64	61	62	66	63	67
Newport News City	12.5	6.1	65.1	48	47	55	50	53	54
Norfolk City	12.4	7.2	75.5	51	55	62	56	60	60
Poquoson City	12.6	1.9	66.0	63	66	68	64	65	69
Portsmouth City	12.2	3.7	71.3	43	41	55	47	47	48
Southampton County	10.7	6.4	79.0	41	38	58	42	49	42

TABLE A.15 (continued)
Education Data for the Planning Districts, 1988-1989 School Year

Location	Median Years of Schooling	Dropout Rate	Graduates Continuing Education	Grade 11 Tests of Achievement and Proficiency					
				Reading	Math	Written Expression	Sources of Information	Social Studies	Science
Suffolk City	11.6	5.4%	57.7%	42	40	53	47	45	46
Virginia Beach City	12.8	7.3	84.1	60	59	64	61	64	69
Williamsburg City	14.3	5.0	73.5	64	61	62	66	63	67
York County	12.8	1.5	83.1	61	63	67	65	65	70

Note: The reported figures for the planning district were derived from the separate localities by taking a weighted average of the counties and cities. The weights are the proportion of total students within each locality. 'Median years of schooling' is 1980 data referring to the population age 25 and over.

Sources: Virginia Department of Education, *Facing Up-23: Statistical Data on Virginia's Public Schools, 1987-88 School Year* (Richmond, 1989); U.S. Department of Commerce, Bureau of the Census, *1980 Census of Population, General Social and Economic Characteristics*, Part 48 Virginia (Washington D.C.: GPO, July 1983).

Section B — Metropolitan Statistical Area Tables

TABLE B.1
Population in the Metropolitan Statistical Areas, 1980-2000

Location	Year			Percent Change 1980-1988	Average Annual Growth Rates		Population Density Per Sq. Mi. 1988
	1980	1988	2000		1980- 1988	1988- 2000	
U.S. (000s)	226,546	246,113	267,747	8.6	1.0%	0.7%	69.5
Virginia	5,346,818	6,015,100	7,023,300	12.5	1.4	1.3	151.5
Bristol	90,597	89,700	90,700	-1.0	-0.1	0.1	80.7
Bristol City	19,042	17,700	17,200	-7.0	-0.9	-0.2	1,475.0
Scott County	25,068	25,100	24,700	0.1	0.1	-0.1	46.8
Washington County	46,487	47,000	48,800	1.1	0.1	0.3	83.5
Charlottesville	113,568	126,600	145,700	11.5	1.3	1.2	107.1
Albemarle County	55,783	63,200	75,700	18.4	2.1	1.8	115.7
Charlottesville City	39,916	42,100	44,200	5.5	0.6	0.4	4,210.0
Fluvanna County	10,244	12,100	14,700	18.1	1.9	1.6	41.7
Greene County	7,625	9,100	11,100	19.3	2.2	1.7	58.0
Danville	111,789	109,100	108,000	-2.4	-0.3	-0.1	107.8
Danville City	56,305	53,700	52,000	-4.6	-0.6	-0.3	1,206.7
Pittsylvania County	55,484	55,400	56,000	-0.2	-0.0	0.1	55.7
Lynchburg	141,289	145,700	151,700	3.1	0.4	0.3	141.2
Amherst County	29,122	28,900	29,900	-0.8	-0.1	0.3	60.5
Campbell County	45,424	46,900	48,800	3.2	0.4	0.3	92.9
Lynchburg City	66,743	69,900	73,000	4.7	0.5	0.4	1,426.5
Norfolk-Virginia Beach-Newport News	1,160,311	1,388,100	1,669,200	19.6	2.3	1.5	808.4
Chesapeake City	114,486	147,100	188,000	28.5	3.2	2.1	432.6
Gloucester County	20,107	30,600	48,300	52.2	5.4	3.9	136.0
Hampton City	122,617	129,700	143,000	5.8	0.7	0.2	610.3
James City County	22,339	32,800	49,500	46.8	4.9	3.5	220.0
Newport News City	144,903	162,800	184,000	12.4	1.5	1.0	2,504.6
Norfolk City	266,979	290,900	290,100	9.0	1.1	0.0	5,488.7
Poquoson City	8,726	11,000	16,300	26.1	2.9	3.3	647.1
Portsmouth City	104,577	110,500	118,600	5.7	0.7	0.6	3,683.3
Suffolk City	47,621	52,800	62,100	10.9	1.3	1.4	129.1
Virginia Beach City	262,199	364,300	500,000	38.9	4.2	2.7	1,423.0
Williamsburg City	10,294	12,400	15,300	20.5	2.4	1.8	1,396.4
York County	35,463	43,000	54,000	21.3	2.4	1.9	380.5

TABLE B.1 (continued)
Population in the Metropolitan Statistical Areas, 1980-2000

Location	Year			Percent Change 1980-1988	Average Annual Growth Rates		Population Density Per Sq. Mi. 1988
	1980	1988	2000		1980- 1988	1988- 2000	
Northern Virginia	1,146,184	1,412,500	1,774,300	23.2	2.6%	1.9%	892.3
Alexandria City	103,217	107,600	112,000	4.2	0.6	0.3	7,173.3
Arlington County	152,599	159,000	171,000	4.2	0.6	0.6	6,115.4
Fairfax City	20,537	20,100	20,300	-2.1	-0.3	0.1	3,221.2
Fairfax County	595,754	759,300	917,200	27.5	3.0	1.6	1,933.2
Falls Church City	9,515	10,100	10,800	6.1	0.7	0.6	5,050.0
Loudoun County	57,427	75,200	118,000	30.9	3.4	3.8	144.3
Manassas City	15,505	23,300	34,500	50.3	4.8	3.3	2,912.5
Manassas Park City	6,524	7,300	8,900	11.9	1.7	1.7	3,650.0
Prince William County	144,636	194,700	298,000	34.6	3.5	3.6	574.3
Stafford County	40,470	55,900	83,600	38.1	3.9	3.4	206.3
Richmond- Petersburg	761,311	842,000	995,900	10.6	1.2	1.4	285.4
Charles City County	6,692	6,600	7,100	-1.4	-0.3	0.6	36.5
Chesterfield County	141,372	187,100	281,000	32.3	3.3	3.4	431.1
Colonial Heights City	16,509	17,500	18,600	6.0	0.5	0.5	2,187.5
Dinwiddie County	22,602	21,100	22,100	-6.6	-1.0	0.4	41.6
Goochland County	11,761	13,500	16,500	14.8	1.7	1.7	48.0
Hanover County	50,398	59,000	78,500	17.1	1.8	2.4	126.1
Henrico County	180,735	205,200	234,000	13.5	1.5	1.1	862.2
Hopewell City	23,397	24,200	24,600	3.4	0.4	0.1	2,420.0
New Kent County	8,781	11,100	14,300	26.4	3.0	2.1	52.1
Petersburg City	41,055	41,100	41,600	0.1	0.1	0.1	1,787.0
Powhatan County	13,062	14,000	18,700	7.2	0.7	2.4	53.6
Prince George County	25,733	27,100	28,900	5.3	0.4	0.5	101.9
Richmond City	219,214	214,500	210,000	-2.2	-0.2	-0.2	3,575.0
Roanoke	220,393	223,700	232,000	1.5	0.2	0.3	262.3
Botetourt County	23,270	25,300	28,000	8.7	1.0	0.8	46.4
Roanoke City	100,220	98,600	99,000	-1.6	-0.1	0.0	2,293.0
Roanoke County	72,945	75,500	80,000	3.5	0.3	0.5	300.8
Salem City	23,958	24,200	25,000	1.0	0.1	0.3	1,728.6

Note: Average annual growth rates for 1980-1988 based on the coefficients from the semi-log trend formula; for 1988-2000, rates based on compound annual growth using initial and terminal points only. Due to rounding, individual locality figures may not sum to the total.

Sources: Julia H. Martin, *Estimates of the Population of Virginia Counties and Cities, 1987 and 1988* (Charlottesville, Virginia: Center for Public Service, University of Virginia, 1989), done in cooperation with the U.S. Bureau of the Census; Virginia Employment Commission, *Virginia Population Projections 2000* (Richmond, 1990); and U.S. Bureau of the Census, *Statistical Abstract of the United States: 1989* (Washington, D.C.: GPO, 1989).

TABLE B.2
Housing Units Authorized by Permits in the Metropolitan Statistical Areas, 1980-1988

	1980	1981	1982	1983	1984	1985	1986	1987	1988
Virginia	45,821	37,572	38,411	63,133	69,180	73,437	84,044	68,842	69,997
Bristol	599	306	248	322	514	496	481	413	439
Bristol City	222	37	18	42	212	60	78	50	39
Scott County	134	72	53	74	78	141	70	76	104
Washington County	243	197	177	206	224	295	333	287	296
Charlottesville	959	807	637	1,412	1,047	1,041	1,132	1,094	1,179
Albemarle County	534	599	466	1,053	669	676	711	595	590
Charlottesville City	231	68	55	172	162	114	89	118	151
Fluvanna County	91	64	62	112	122	159	235	238	287
Greene County	103	76	54	75	94	92	97	143	151
Danville	413	415	198	360	354	316	359	365	351
Danville City	124	207	15	61	78	69	28	40	50
Pittsylvania County	289	208	183	299	276	247	331	325	301
Lynchburg	937	572	486	619	715	986	624	656	620
Amherst County	162	140	86	138	182	178	193	129	131
Campbell County	313	322	189	240	282	474	215	244	294
Lynchburg City	462	110	211	241	251	334	216	283	195
Norfolk-Virginia Beach- Newport News	6,291	5,915	9,048	16,097	18,289	20,949	22,965	14,148	13,531
Chesapeake City	473	421	736	1,981	2,256	2,795	2,968	2,860	2,083
Gloucester County	241	244	245	609	548	511	570	448	317
Hampton City	332	255	334	804	1,058	2,001	1,945	921	1,435
James City County	303	252	195	517	693	922	1,336	1,090	1,000

TABLE B.2 (continued)
Housing Units Authorized by Permits in the Metropolitan Statistical Areas, 1980-1988

	1980	1981	1982	1983	1984	1985	1986	1987	1988
Newport News City	414	343	707	1,189	3,040	2,752	2,454	1,677	1,555
Norfolk City	683	587	899	1,147	1,413	1,633	1,644	1,786	1,082
Poquoson City	70	55	87	118	106	294	99	57	63
Portsmouth City	203	241	279	410	503	456	973	623	247
Suffolk City	299	63	239	365	628	393	533	548	474
Virginia Beach City	3,002	3,243	5,023	8,635	7,661	8,292	9,339	3,461	4,538
Williamsburg City	16	7	76	65	94	108	84	66	41
York County	255	204	228	257	289	792	1,020	611	696
Northern Virginia	10,406	8,950	8,632	17,149	18,483	18,193	22,612	24,917	23,831
Alexandria City	530	311	231	333	368	53	178	1,495	499
Arlington County	568	586	396	1,055	292	878	1,341	910	2,218
Fairfax City	13	7	19	16	44	69	45	153	67
Fairfax County	6,788	5,737	5,118	11,786	13,108	11,150	11,170	13,247	11,138
Falls Church City	28	8	2	3	1	10	12	3	16
Loudoun County	342	390	711	1,175	1,373	1,883	2,218	2,089	2,737
Manassas City	214	83	178	62	137	521	1,439	747	718
Manassas Park City	9	0	37	16	57	98	60	55	0
Prince William County	1,435	1,472	1,536	2,565	2,964	2,823	5,304	5,085	4,328
Stafford County	479	356	404	138	139	708	845	1,133	2,110
Richmond-Petersburg	7,525	4,709	3,815	7,717	9,428	9,322	10,754	9,659	10,517
Charles City County	33	7	15	28	10	22	30	40	41
Chesterfield County	3,138	2,012	1,616	3,336	3,609	4,130	4,105	3,938	3,397
Colonial Heights City	96	49	70	58	93	66	96	80	66
Dinwiddie County	86	75	54	115	79	86	121	139	253
Goochland County	67	63	63	113	118	168	180	196	209
Hanover County	425	230	266	467	669	923	1,357	1,115	1,275
Henrico County	1,921	1,453	943	2,802	3,695	2,964	3,187	2,653	4,273
Hopewell City	126	31	122	33	74	128	258	51	79
New Kent County	80	67	62	103	120	120	189	209	185
Petersburg City	191	133	79	15	71	22	183	152	39
Powhatan County	100	68	55	101	121	135	222	197	237
Prince George County	260	132	146	198	215	203	216	192	180
Richmond City	1,002	389	324	348	554	355	610	697	283

TABLE B.2 (continued)

Housing Units Authorized by Permits in the Metropolitan Statistical Areas, 1980-1988

	1980	1981	1982	1983	1984	1985	1986	1987	1988
Roanoke	1,110	624	516	1,026	1,158	1,325	1,372	1,375	983
Botetourt County	119	114	64	127	170	180	99	230	200
Roanoke City	506	53	136	152	139	290	406	437	219
Roanoke County	398	403	274	616	697	762	740	618	482
Salem City	87	54	42	131	152	93	127	90	82

Source: Michael A. Spar and Julia H. Martin, *Housing Units Authorized in Virginia's Counties and Cities* (Charlottesville, Virginia: Center for Public Service, University of Virginia, annual editions 1980-1988).

TABLE B.3
Employment in the Metropolitan Statistical Areas, 1980-1988

	1980	1981	1982	1983	1984	1985	1986	1987	1988	Average Annual Growth Rate 1980-1988
U.S. (000s)	112,257	113,313	112,565	114,147	119,485	123,176	125,592	128,826	132,503	2.3%
Virginia (000s)	2,747	2,777	2,797	2,869	3,025	3,174	3,303	3,445	3,545	3.6
Bristol	37,836	38,003	38,089	38,811	40,758	41,789	42,613	43,634	44,569	2.3
Scott County	6,381	6,680	6,890	7,081	7,205	7,295	7,022	7,230	7,183	1.3
Washington/Bristol	31,455	31,323	31,199	31,730	33,553	34,494	35,591	36,404	37,386	2.5
Charlottesville	66,434	67,025	67,728	69,510	71,823	73,519	76,846	80,171	82,839	2.9
Albemarle/Charlottesville	62,011	62,623	63,403	65,083	67,439	69,183	72,384	75,344	77,639	3.0
Fluvanna County	2,906	2,880	2,819	2,887	2,765	2,658	2,760	2,995	3,135	0.5
Greene County	1,517	1,522	1,506	1,540	1,619	1,678	1,702	1,832	2,065	3.6
Danville	52,017	51,890	50,604	50,969	51,596	51,082	50,614	52,023	53,674	0.2
Pittsylvania/Danville	52,017	51,890	50,604	50,969	51,596	51,082	50,614	52,023	53,674	0.2
Wise/Norton	20,170	19,940	20,538	19,839	20,378	20,267	20,077	20,759	21,152	0.5
Lynchburg	78,624	78,057	76,954	76,851	79,962	81,080	81,636	84,045	86,174	1.3
Amherst County	10,306	10,045	10,195	10,239	10,474	10,900	11,145	11,573	11,670	2.0
Campbell/Lynchburg	68,318	68,012	66,759	66,612	69,488	70,180	70,491	72,472	74,504	1.2
Montgomery/Radford	37,961	36,922	37,438	37,823	40,032	41,231	42,554	44,858	46,799	3.0
Pulaski County	14,883	14,931	14,423	15,073	16,577	17,383	16,595	16,398	16,803	2.0
Norfolk-Virginia Beach- Newport News	624,311	637,197	647,618	665,617	699,499	35,229	760,523	790,780	807,119	3.6
Chesapeake City	31,494	32,363	33,759	35,415	38,470	41,790	45,464	48,050	50,130	6.5
Gloucester County	6,316	6,310	6,428	6,713	7,129	7,560	8,226	8,898	8,988	5.2

TABLE B.3 (continued)
Employment in the Metropolitan Statistical Areas, 1980-1988

	1980	1981	1982	1983	1984	1985	1986	1987	1988	Average Annual Growth Rate 1980-1988
Hampton City	60,119	61,835	63,829	64,367	67,355	69,468	70,812	72,500	74,406	2.7%
James City/Williamsburg	24,676	24,934	25,686	26,332	27,971	30,498	32,262	34,255	36,074	5.3
Newport News City	84,006	86,019	86,397	89,322	92,859	96,784	99,845	100,552	103,761	2.8
Norfolk City	225,741	228,157	229,069	230,356	238,102	245,270	251,863	261,772	260,198	2.1
Portsmouth City	53,397	53,489	53,832	54,681	56,190	57,792	57,846	59,005	62,763	1.9
Suffolk City	19,391	19,056	18,645	18,462	19,040	19,414	18,581	19,283	19,555	0.2
Virginia Beach City	106,903	112,551	117,800	127,237	138,576	151,809	159,971	169,353	173,660	6.8
York/Poquoson	12,268	12,483	12,173	12,732	13,807	14,844	15,653	17,112	17,584	5.2
Northern Virginia	615,423	635,301	655,016	690,933	753,872	817,337	875,516	927,719	966,826	6.3
Alexandria City	81,225	81,178	83,040	84,836	90,301	96,929	105,359	112,400	113,900	5.0
Arlington County	153,907	154,697	160,635	168,619	181,436	189,191	196,600	203,357	205,320	4.2
Fairfax County/City/ Falls Church	294,145	309,848	319,240	341,568	378,672	418,053	449,099	476,789	503,122	7.5
Loudoun County	25,136	25,517	26,103	26,629	28,501	31,229	34,605	37,297	41,110	6.6
Prince William/Manassas/ Manassas Park	53,719	56,126	57,599	60,428	65,288	71,375	78,799	86,160	90,550	7.2
Stafford County	7,291	7,935	8,399	8,853	9,674	10,560	11,054	11,716	12,824	7.2
Richmond-Petersburg	450,847	451,762	450,535	456,421	472,997	494,373	514,613	537,817	554,626	2.9
Charles City County	1,063	970	965	983	981	987	999	1,067	1,104	0.9
Chesterfield County	49,471	53,617	57,137	59,406	61,662	66,159	70,666	75,523	80,656	6.0
Dinwiddie/Colonial Heights/Petersburg	34,004	33,718	32,534	31,873	31,960	32,450	32,345	32,810	33,887	-0.1
Goochland County	3,130	3,175	3,239	3,346	3,450	3,546	3,729	3,959	4,075	3.5
Hanover County	21,841	21,610	22,433	24,134	25,669	26,714	29,782	31,444	32,813	5.9
Henrico County	78,827	81,450	82,021	84,914	91,273	97,307	103,134	109,566	118,639	5.3
New Kent County	2,028	2,039	2,021	2,214	2,422	2,481	2,729	2,792	2,875	5.2
Powhatan County	3,607	3,738	3,631	3,711	3,590	3,523	3,627	3,761	3,958	0.6
Prince George/Hopewell	27,748	27,112	25,051	24,982	25,606	26,525	26,580	27,331	26,595	0.1
Richmond City	229,128	224,333	221,503	220,858	226,384	234,681	241,022	249,564	250,024	1.5

TABLE B.3 (continued)
Employment in the Metropolitan Statistical Areas, 1980-1988

	1980	1981	1982	1983	1984	1985	1986	1987	1988	Average Annual Growth Rate 1980-1988
Roanoke	124,194	122,972	123,246	124,596	131,174	138,522	142,365	146,208	147,192	2.7%
Botetourt County	6,062	6,291	6,099	6,182	6,562	6,982	6,953	7,231	7,436	2.7
Roanoke City	73,662	72,432	73,404	74,678	77,956	82,402	84,616	86,268	86,647	2.6
Roanoke County/Salem	44,470	44,249	43,743	43,736	46,656	49,138	50,796	52,709	53,109	2.8

Note: Average annual growth rates are based on the coefficients from the semi-log trend formula.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, unpublished data, Regional Economic Information System, 1990.

TABLE B.4
Employment by Industry in the Bristol MSA, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	37,836	38,003	38,089	38,811	40,758	41,789	42,613	43,634	44,569	6,733	17.8	100.0	100.0
By type													
Wage & salary	29,664	29,567	29,275	29,205	30,681	31,508	32,483	33,394	34,246	4,582	15.4	78.4	76.8
Proprietors	8,172	8,436	8,814	9,606	10,077	10,281	10,130	10,240	10,323	2,151	26.3	21.6	23.2
By industry													
Farm	5,419	5,571	5,742	5,876	5,613	5,406	4,872	4,777	4,724	-695	-12.8	14.3	10.6
Nonfarm	32,417	32,432	32,347	32,935	35,145	36,383	37,741	38,857	39,845	7,428	22.9	85.7	89.4
Agricultural services, forestry, fishing, other	142	176	186	198	246	256	262	278	301	159	112.0	0.4	0.7
Mining	186	138	142	129	142	153	154	157	164	-22	-11.8	0.5	0.4
Construction	1,688	1,459	1,433	1,373	1,547	1,789	1,582	1,598	1,652	-36	-2.1	4.5	3.7
Manufacturing	9,147	9,432	9,074	8,913	9,625	9,426	9,557	10,466	10,652	1,505	16.5	24.2	23.9
Transport & pub. utilities	1,337	1,304	1,387	1,411	1,477	1,409	1,501	1,518	1,585	248	18.5	3.5	3.6
Wholesale trade	1,608	1,619	1,699	1,731	1,728	1,848	2,001	2,031	2,218	610	37.9	4.2	5.0
Retail trade	6,181	6,080	6,070	6,122	6,327	7,003	7,390	7,132	7,367	1,186	19.2	16.3	16.5
Finance, ins, real estate	1,236	1,224	1,247	1,256	1,366	1,376	1,573	1,686	1,633	397	32.1	3.3	3.7
Services	5,430	5,683	5,917	6,667	7,448	8,002	8,468	8,778	8,987	3,557	65.5	14.4	20.2
Government	5,462	5,317	5,192	5,135	5,239	5,121	5,253	5,213	5,286	-176	-3.2	14.4	11.9
Federal, civilian	444	523	539	553	587	418	436	442	447	3	0.7	1.2	1.0
Military	369	429	518	440	473	511	560	564	567	198	53.7	1.0	1.3
State & local	4,649	4,365	4,135	4,142	4,179	4,192	4,257	4,207	4,272	-377	-8.1	12.3	9.6

TABLE B.4 (continued)
Employment by Industry in the Charlottesville MSA, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	66,434	67,025	67,728	69,510	71,823	73,519	76,846	80,171	82,839	16,405	24.7	100.0	100.0
By type													
Wage & salary	59,445	59,708	59,922	61,450	63,224	64,293	67,432	70,599	73,072	13,627	22.9	89.5	88.2
Proprietors	6,989	7,317	7,806	8,060	8,599	9,226	9,414	9,572	9,767	2,778	39.7	10.5	11.8
By industry													
Farm	2,315	2,358	2,431	2,467	2,364	2,272	1,996	1,917	1,932	-383	-16.5	3.5	2.3
Nonfarm	64,119	64,667	65,297	67,043	69,459	71,247	74,850	78,254	80,907	16,788	26.2	96.5	97.7
Agricultural services, forestry, fishing, other	480	437	468	509	530	597	631	712	721	241	50.2	0.7	0.9
Mining	100	122	120	123	129	137	151	148	164	64	64.0	0.2	0.2
Construction	3,547	3,290	3,149	3,530	4,093	4,557	4,746	5,060	5,517	1,970	55.5	5.3	6.7
Manufacturing	9,802	10,016	9,635	9,275	8,953	8,316	8,747	8,921	9,020	-782	-8.0	14.8	10.9
Transport & pub. utilities	2,055	2,077	2,079	2,081	2,414	2,508	2,571	2,652	2,723	668	32.5	3.1	3.3
Wholesale trade	1,546	1,498	1,554	1,769	1,874	1,925	1,978	2,017	1,980	434	28.1	2.3	2.4
Retail trade	9,566	9,375	9,527	9,894	10,620	11,041	11,676	12,663	13,096	3,530	36.9	14.4	15.8
Finance, ins, real estate	4,040	4,093	4,282	4,353	4,584	4,720	4,882	5,104	5,271	1,231	30.5	6.1	6.4
Services	11,782	12,258	12,906	13,763	15,326	16,228	17,277	18,205	19,145	7,363	62.5	17.7	23.1
Government	20,429	20,724	20,840	20,961	20,918	21,200	22,132	22,741	23,230	2,801	13.7	30.8	28.0
Federal, civilian	1,124	1,153	1,182	1,186	1,224	1,241	1,272	1,326	1,357	233	20.7	1.7	1.6
Military	687	731	871	804	880	901	965	971	951	264	38.4	1.0	1.1
State & local	18,618	18,840	18,787	18,971	18,814	19,058	19,895	20,444	20,922	2,304	12.4	28.0	25.3

TABLE B.4 (continued)
Employment by Industry in the Danville MSA, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	52,017	51,890	50,604	50,969	51,596	51,082	50,614	52,023	53,674	1,657	3.2	100.0	100.0
By type													
Wage & salary	45,081	44,936	43,357	43,710	44,271	43,674	43,293	44,606	46,173	1,092	2.4	86.7	86.0
Proprietors	6,936	6,954	7,247	7,259	7,325	7,408	7,321	7,417	7,501	565	8.1	13.3	14.0
By Industry													
Farm	3,340	3,325	3,334	3,384	3,234	3,112	2,768	2,670	2,667	-673	-20.1	6.4	5.0
Nonfarm	48,677	48,565	47,270	47,585	48,362	47,970	47,846	49,353	51,007	2,330	4.8	93.6	95.0
Agricultural services, forestry, fishing, other	173	178	207	203	215	190	199	219	219	46	26.6	0.3	0.4
Mining	49	44	44	40	40	52	49	47	47	-2	-4.1	0.1	0.1
Construction	2,041	2,030	1,929	2,087	2,236	2,256	2,374	2,597	2,975	934	45.8	3.9	5.5
Manufacturing	19,551	19,616	18,652	18,695	18,491	17,242	16,739	17,156	17,331	-2,220	-11.4	37.6	32.3
Transport & pub. utilities	1,241	1,228	1,183	1,199	1,242	1,233	1,283	1,310	1,287	46	3.7	2.4	2.4
Wholesale trade	1,476	1,467	1,404	1,365	1,453	1,473	1,533	1,797	1,866	390	26.4	2.8	3.5
Retail trade	7,383	7,429	7,265	7,445	7,972	8,315	8,224	8,380	8,886	1,503	20.4	14.2	16.6
Finance, ins, real estate	1,965	1,956	1,937	1,900	1,975	2,012	1,991	2,015	2,052	87	4.4	3.8	3.8
Services	9,068	9,050	9,109	9,280	9,294	9,652	9,880	10,092	10,533	1,465	16.2	17.4	19.6
Government	5,730	5,567	5,540	5,371	5,444	5,545	5,574	5,740	5,811	81	1.4	11.0	10.8
Federal, civilian	300	299	309	296	292	285	293	298	298	-2	-0.7	0.6	0.6
Military	453	527	631	530	577	627	687	692	695	242	53.4	0.9	1.3
State & local	4,977	4,741	4,600	4,545	4,575	4,633	4,594	4,750	4,818	-159	-3.2	9.6	9.0

TABLE B.4 (continued)
Employment by Industry in the Lynchburg MSA, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	78,624	78,057	76,954	76,851	79,962	81,080	81,636	84,045	86,174	7,550	9.6	100.0	100.0
By type													
Wage & salary	71,462	70,806	69,440	69,194	72,291	73,118	73,423	75,652	77,602	6,140	8.6	90.9	90.1
Proprietors	7,162	7,251	7,514	7,657	7,671	7,962	8,213	8,393	8,572	1,410	19.7	9.1	9.9
By Industry													
Farm	1,682	1,671	1,664	1,706	1,632	1,570	1,406	1,376	1,367	-315	-18.7	2.1	1.6
Nonfarm	76,942	76,386	75,290	75,145	78,330	79,510	80,230	82,669	84,807	7,865	10.2	97.9	98.4
Agricultural services, forestry, fishing, other	231	296	347	342	389	407	438	457	520	289	125.1	0.3	0.6
Mining	52	49	44	45	61	48	48	58	65	13	25.0	0.1	0.1
Construction	3,877	3,485	3,345	3,323	3,643	3,847	4,405	4,758	5,027	1,150	29.7	4.9	5.8
Manufacturing	27,368	27,345	25,479	25,237	26,442	25,416	24,427	24,190	23,423	-3,945	-14.4	34.8	27.2
Transport & pub. utilities	2,814	2,935	2,935	3,131	3,304	3,253	3,344	3,348	3,247	433	15.4	3.6	3.8
Wholesale trade	2,543	2,616	2,509	2,543	2,604	2,696	2,863	3,562	3,137	594	23.4	3.2	3.6
Retail trade	10,999	10,866	10,936	11,282	11,910	12,481	12,689	13,167	15,307	4,308	39.2	14.0	17.8
Finance, ins, real estate	3,829	3,830	3,702	3,669	3,822	3,903	3,964	4,300	4,367	538	14.1	4.9	5.1
Services	15,118	15,341	16,084	16,320	16,693	17,579	18,055	18,727	19,503	4,385	29.0	19.2	22.6
Government	10,109	9,620	9,906	9,250	9,460	9,878	9,995	10,100	10,203	94	0.9	12.9	11.8
Federal, civilian	621	611	604	509	504	497	504	522	539	-82	-13.2	0.8	0.6
Military	580	676	809	683	741	811	888	895	902	322	55.5	0.7	1.0
State & local	8,908	8,333	8,493	8,058	8,215	8,570	8,603	8,683	8,762	-146	-1.6	11.3	10.2

TABLE B.4 (continued)
Employment by Industry in the Norfolk-Virginia Beach-Newport News MSA, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	624,311	637,197	647,618	665,617	699,499	735,229	760,523	790,780	807,119	182,808	29.3	100.0	100.0
By type													
Wage & salary	578,756	592,300	598,801	614,914	645,515	676,370	697,307	726,371	741,177	162,421	28.1	92.7	91.8
Proprietors	45,555	44,897	48,817	50,703	53,984	58,859	63,216	64,409	65,942	20,387	44.8	7.3	8.2
By industry													
Farm	2,713	2,610	2,561	2,581	2,473	2,379	2,060	1,953	1,986	-727	-26.8	0.4	0.2
Nonfarm	621,598	634,587	645,057	663,036	697,026	732,850	758,463	788,827	805,133	183,535	29.5	99.6	99.8
Agricultural services, forestry, fishing, other	3,371	3,489	3,402	3,539	3,339	3,799	4,189	4,581	4,839	1,468	43.5	0.5	0.6
Mining	142	150	144	159	175	182	188	192	179	37	26.1	0.0	0.0
Construction	33,017	31,632	31,552	35,300	40,333	45,508	51,095	52,995	51,065	18,048	54.7	5.3	6.3
Manufacturing	64,332	65,839	64,066	66,011	68,700	70,219	70,023	69,702	69,493	5,161	8.0	10.3	8.6
Transport & pub. utilities	25,479	26,446	26,354	26,249	27,123	27,688	28,725	29,227	30,683	5,204	20.4	4.1	3.8
Wholesale trade	21,613	21,424	21,946	22,540	24,010	24,383	25,416	27,083	28,023	6,410	29.7	3.5	3.5
Retail trade	87,534	91,621	92,713	96,958	105,234	114,256	118,455	124,021	127,303	39,769	45.4	14.0	15.8
Finance, ins, real estate	31,637	31,738	32,102	33,513	36,460	39,181	41,963	44,416	44,983	13,346	42.2	5.1	5.6
Services	118,688	120,219	125,569	131,662	138,878	150,828	159,951	170,354	178,619	59,931	50.5	19.0	22.1
Government	235,767	242,007	247,184	247,082	251,710	255,705	257,200	264,873	268,556	32,789	13.9	37.8	33.3
Federal, civilian	55,079	55,453	56,304	56,266	57,609	57,786	56,486	56,617	57,344	2,265	4.1	8.8	7.1
Military	115,096	123,785	128,751	128,187	130,374	132,428	132,821	137,498	139,179	24,083	20.9	18.4	17.2
State & local	65,592	62,769	62,129	62,629	63,727	65,491	67,893	70,758	72,033	6,441	9.8	10.5	8.9

TABLE B.4 (continued)
Employment by Industry in the Northern Virginia MSA 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	615,423	635,301	655,016	690,933	753,872	817,337	875,516	927,719	966,826	351,403	57.1	100.0	100.0
By type													
Wage & salary	549,741	565,115	577,828	608,652	663,612	715,039	764,219	814,440	850,632	300,891	54.7	89.3	88.0
Proprietors	65,682	70,186	77,188	82,281	90,260	102,298	111,297	113,279	116,194	50,512	76.9	10.7	12.0
By industry													
Farm	3,092	3,095	3,155	3,193	3,061	2,940	2,572	2,458	2,487	-605	-19.6	0.5	0.3
Nonfarm	612,331	632,206	651,861	687,740	750,811	814,397	872,944	925,261	964,339	352,008	57.5	99.5	99.7
Agricultural services, forestry, fishing, other	2,986	3,274	3,459	3,931	4,423	4,867	5,650	6,078	6,407	3,421	114.6	0.5	0.7
Mining	1,016	1,010	1,267	1,155	1,275	1,377	1,179	1,201	1,189	173	17.0	0.2	0.1
Construction	40,671	38,724	33,928	39,371	47,677	55,671	64,272	69,690	75,155	34,484	84.8	6.6	7.8
Manufacturing	19,997	22,025	23,877	26,654	30,672	33,862	36,407	36,626	37,437	17,440	87.2	3.2	3.9
Transport & pub. utilities	34,377	36,242	37,880	39,892	45,098	49,013	52,400	55,542	57,642	23,265	67.7	5.6	6.0
Wholesale trade	23,798	25,751	26,384	27,672	30,481	31,791	33,510	34,940	36,193	12,395	52.1	3.9	3.7
Retail trade	97,659	101,595	101,936	106,629	115,830	126,597	137,088	143,951	147,432	49,773	51.0	15.9	15.2
Finance, ins. real estate	50,558	51,114	52,389	54,870	61,309	66,981	73,652	78,569	82,287	31,729	62.8	8.2	8.5
Services	165,506	173,643	186,513	201,826	222,317	249,012	268,783	294,539	313,497	147,991	89.4	26.9	32.4
Government	175,763	178,828	184,228	185,740	191,729	195,226	200,003	204,125	206,843	31,080	17.7	28.6	21.4
Federal, civilian	81,335	81,781	84,075	85,112	87,639	88,515	89,789	91,402	91,032	9,697	11.9	13.2	9.4
Military	39,199	41,285	43,862	42,883	44,428	46,280	47,062	46,541	45,752	6,553	16.7	6.4	4.7
State & local	55,229	55,762	56,291	57,745	59,662	60,431	63,152	66,182	70,059	14,830	26.9	9.0	7.2

TABLE B.4 (continued)
Employment by Industry in the Richmond-Petersburg MSA, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	450,847	451,762	450,535	456,421	472,997	494,373	514,613	537,817	554,626	103,779	23.0	100.0	100.0
By type													
Wage & salary	410,760	411,659	407,327	410,918	424,396	442,062	459,352	481,490	496,926	86,166	21.0	91.1	89.6
Proprietors	40,087	40,103	43,208	45,503	48,601	52,311	55,261	56,327	57,700	17,613	43.9	8.9	10.4
By industry													
Farm	4,138	4,028	3,976	4,044	3,871	3,721	3,291	3,170	3,183	-955	-23.1	0.9	0.6
Nonfarm	446,709	447,734	446,559	452,377	469,126	490,652	511,322	534,647	551,443	104,734	23.4	99.1	99.4
Agricultural services, forestry, fishing, other	1,657	1,761	1,704	1,759	1,947	2,197	2,495	2,497	2,101	444	26.8	0.4	0.4
Mining	612	552	400	436	402	537	645	540	649	37	6.0	0.1	0.1
Construction	28,632	26,158	24,404	24,754	28,189	31,994	35,672	38,760	40,552	11,920	41.6	6.4	7.3
Manufacturing	68,491	68,530	65,958	64,269	65,133	65,265	63,927	63,738	65,124	-3,367	-4.9	15.2	11.7
Transport & pub. utilities	21,940	22,192	22,409	22,027	22,863	23,575	24,342	25,472	26,754	4,814	21.9	4.9	4.8
Wholesale trade	27,956	28,664	28,420	28,111	28,983	27,552	28,384	29,864	30,391	2,435	8.7	6.2	5.5
Retail trade	68,385	68,913	69,727	72,863	76,396	81,361	85,561	88,825	91,360	22,975	33.6	15.2	16.5
Finance, ins, real estate	38,773	38,987	39,352	39,756	41,888	45,524	49,021	51,433	52,785	14,012	36.1	8.6	9.5
Services	91,325	92,604	95,524	99,054	104,066	112,653	120,048	128,670	135,036	43,711	47.9	20.3	24.3
Government	98,933	99,367	98,337	99,020	98,915	99,833	101,189	104,444	105,536	6,603	6.7	21.9	19.0
Federal, civilian	14,977	15,080	14,960	15,284	15,915	16,515	16,616	17,180	17,408	2,431	16.2	3.3	3.1
Military	10,299	10,960	10,915	10,708	10,721	11,258	11,695	12,255	11,578	1,279	12.4	2.3	2.1
State & local	73,657	73,327	72,462	73,028	72,279	72,060	72,878	75,009	76,550	2,893	3.9	16.3	13.8

TABLE B.4 (continued)
Employment by Industry in the Roanoke MSA, 1980-1988

Employment by Place of Work	1980	1981	1982	1983	1984	1985	1986	1987	1988	Change, 1980-1988		Percent of Total Employment	
										Absolute	Percent	1980	1988
Total employment	124,194	122,972	123,246	124,596	131,174	138,522	142,365	146,208	147,192	22,998	18.5	100.0	100.0
By type													
Wage & salary	110,081	109,127	108,361	109,451	115,744	121,937	125,097	128,603	129,173	19,092	17.3	88.6	87.8
Proprietors	14,113	13,845	14,885	15,145	15,430	16,585	17,268	17,605	18,019	3,906	27.7	11.4	12.2
By industry													
Farm	1,378	1,374	1,390	1,415	1,353	1,301	1,158	1,121	1,120	-258	-18.7	1.1	0.8
Nonfarm	122,816	121,598	121,856	123,181	129,821	137,221	141,207	145,087	146,072	23,256	18.9	98.9	99.2
Agricultural services, forestry, fishing, other	429	453	467	534	620	698	749	744	809	380	88.6	0.3	0.5
Mining	78	73	169	135	145	159	156	181	173	95	121.8	0.1	0.1
Construction	7,537	6,943	6,614	7,222	7,843	9,047	9,696	10,563	10,612	3,075	40.8	6.1	7.2
Manufacturing	21,318	21,226	19,882	20,306	22,185	22,573	21,437	20,033	20,074	-1,244	-5.8	17.2	13.6
Transport & pub. utilities	8,356	8,237	7,913	7,731	8,062	10,027	9,922	9,981	9,422	1,066	12.8	6.7	6.4
Wholesale trade	8,263	8,148	8,129	7,735	8,855	8,837	9,531	10,027	10,026	1,763	21.3	6.7	6.8
Retail trade	20,832	20,659	21,966	21,772	21,938	24,319	26,140	28,125	27,704	6,872	33.0	16.8	18.8
Finance, ins, real estate	9,112	9,125	7,138	7,463	8,088	10,964	11,458	11,748	11,761	2,649	29.1	7.3	8.0
Services	28,219	28,435	29,622	30,668	32,416	34,545	35,700	37,181	38,794	10,575	37.5	22.7	26.4
Government	16,129	15,876	15,795	15,606	15,609	16,049	16,415	16,499	16,693	564	3.5	13.0	11.3
Federal, civilian	3,373	3,284	3,337	3,321	3,308	3,354	3,384	3,411	3,418	45	1.3	2.7	2.3
Military	1,069	1,216	1,436	1,244	1,354	1,465	1,578	1,444	1,448	379	35.5	0.9	1.0
State & local	11,687	11,376	11,022	11,041	10,947	11,230	11,453	11,644	11,827	140	1.2	9.4	8.0

Note: Numbers may not sum to totals due to conventions designed to maintain confidentiality.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, unpublished data, Regional Economic Information System, 1990.

TABLE B.5
Employment by Industry and by Location in the Bristol MSA, 1988

	Metropolitan Statistical Area	Scott	Washington/ Bristol
Total employment	44,569	7,183	37,386
By type			
Wage & salary	34,246	4,121	30,125
Proprietors	10,323	3,062	7,261
Farm	4,239	1,952	2,287
Nonfarm	6,084	1,110	4,974
By industry			
Farm	4,724	1,984	2,740
Agricultural services, forestry, fishing, other	301	34	267
Mining	164	52	112
Construction	1,652	309	1,343
Manufacturing	10,652	1,202	9,450
Transport & public utilities	1,585	250	1,335
Wholesale trade	2,218	128	2,090
Retail trade	7,367	1,046	6,321
Finance, ins, real estate	1,633	143	1,490
Services	8,987	975	8,012
Government	5,286	1,060	4,226
Federal, civilian	447	60	387
Military	567	160	407
State & local	4,272	840	3,432

TABLE B.5 (continued)
Employment by Industry and by Location in the Charlottesville MSA, 1988

	Metropolitan Statistical Area	Albemarle/ Charlottesville	Fluvanna	Greene
Total employment	82,839	77,639	3,135	2,065
By type				
Wage & salary	73,072	69,415	2,293	1,364
Proprietors	9,767	8,224	842	701
Farm	1,312	782	281	249
Nonfarm	8,455	7,442	561	452
By industry				
Farm	1,932	1,316	339	277
Agricultural services, forestry, fishing, other	721	699	22	D
Mining	164	164	L	D
Construction	5,517	4,814	454	249
Manufacturing	9,020	8,457	301	262
Transport & public utilities	2,723	2,420	273	30
Wholesale trade	1,980	1,865	94	21
Retail trade	13,096	12,599	249	248
Finance, ins, real estate	5,271	5,087	123	61
Services	19,145	17,962	717	466
Government	23,230	22,256	560	414
Federal, civilian	1,357	1,275	37	45
Military	951	832	66	53
State & local	20,922	20,149	457	316

TABLE B.5 (continued)

Employment by Industry and by Location in the Danville MSA, 1988

	Metropolitan Statistical Area	Pittsylvania/ Danville
Total employment	53,674	53,674
By type		
Wage & salary	46,173	46,173
Proprietors	7,501	7,501
Farm	2,087	2,087
Nonfarm	5,414	5,414
By industry		
Farm	2,667	2,667
Agricultural services, forestry, fishing, other	219	219
Mining	47	47
Construction	2,975	2,975
Manufacturing	17,331	17,331
Transport & public utilities	1,287	1,287
Wholesale trade	1,866	1,866
Retail trade	8,886	8,886
Finance, ins, real estate	2,052	2,052
Services	10,533	10,533
Government	5,811	5,811
Federal, civilian	298	298
Military	695	695
State & local	4,818	4,818

TABLE B.5 (continued)
Employment by Industry and by Location in the Lynchburg MSA, 1988

	Metropolitan Statistical Area	Amherst	Campbell/ Lynchburg
Total employment	86,174	11,670	74,504
By type			
Wage & salary	77,602	9,978	67,624
Proprietors	8,572	1,692	6,880
Farm	1,142	427	715
Nonfarm	7,430	1,265	6,165
By industry			
Farm	1,367	521	846
Agricultural services, forestry, fishing, other	520	164	356
Mining	65	L	65
Construction	5,027	900	4,127
Manufacturing	23,423	1,424	21,999
Transport & public utilities	3,247	544	2,703
Wholesale trade	3,137	257	2,880
Retail trade	15,307	1,704	13,603
Finance, ins, real estate	4,367	211	4,156
Services	19,503	2,314	17,189
Government	10,203	3,623	6,580
Federal, civilian	539	53	486
Military	902	180	722
State & local	8,762	3,390	5,372

TABLE B.5 (continued)
Employment by Industry and by Location in the Norfolk-Virginia Beach-Newport News MSA, 1988

	Metropolitan Statistical Area	Chesapeake	Gloucester	Hampton	James City/ Williamsburg	Newport News	Norfolk	Portsmouth	Suffolk	Virginia Beach	York/ Poquoson
Total employment	807,119	50,130	8,988	74,406	36,074	103,761	260,198	62,763	19,555	173,660	17,584
By type											
Wage & salary	741,177	43,753	6,870	69,915	32,585	97,838	248,319	58,130	17,058	151,556	15,153
Proprietors	65,942	6,377	2,118	4,491	3,489	5,923	11,879	4,633	2,497	22,104	2,431
Farm	1,132	272	152	0	60	0	0	0	364	221	63
Nonfarm	64,810	6,105	1,966	4,491	3,429	5,923	11,879	4,633	2,133	21,883	2,368
By industry											
Farm	1,986	521	200	0	97	0	0	0	587	422	159
Agricultural services, forestry, fishing, other	4,839	614	D	367	180	572	500	91	216	1,609	690
Mining	179	58	19	L	L	18	20	L	L	64	L
Construction	51,065	7,786	D	4,418	2,074	5,168	10,352	2,957	1,333	15,101	1,876
Manufacturing	69,493	3,910	372	3,890	2,893	31,412	16,216	2,948	2,909	4,263	680
Transport & public utilities	30,683	2,620	363	2,039	552	2,557	13,252	2,599	800	5,417	484
Wholesale trade	28,023	2,307	280	1,342	263	2,320	12,442	1,288	1,460	5,944	377
Retail trade	127,303	9,263	1,665	16,303	8,023	12,646	28,703	8,442	3,331	35,770	3,157
Finance, ins, real estate	44,983	2,633	535	2,484	1,479	5,346	13,221	1,990	949	15,646	700
Services	178,619	9,919	2,291	15,664	14,204	20,753	51,409	12,596	4,479	44,143	3,161
Government	268,556	10,499	1,895	27,891	6,304	22,969	114,083	29,846	3,489	45,281	6,299
Federal, civilian	57,344	326	80	10,106	359	6,008	18,534	16,372	137	3,293	2,129
Military	139,179	1,596	164	11,461	584	8,831	78,914	7,675	314	27,576	2,064
State & local	72,033	8,577	1,651	6,324	5,361	8,130	16,635	5,799	3,038	14,412	2,106

TABLE B.5 (continued)
Employment by Industry and by Location in the Northern Virginia MSA, 1988

	Metropolitan Statistical Area	Alexandria	Arlington	Fairfax County/ City/ Falls Church	Loudoun	Prince William/ Manassas/ Manassas Park	Stafford
Total employment	966,826	113,900	205,320	503,122	41,110	90,550	12,824
By type							
Wage & salary	850,632	99,912	187,759	437,878	34,062	80,587	10,434
Proprietors	116,194	13,988	17,561	65,244	7,048	9,963	2,390
Farm	1,598	0	0	228	855	306	209
Nonfarm	114,596	13,988	17,561	65,016	6,193	9,657	2,181
By industry							
Farm	2,487	0	0	403	1,405	434	245
Agricultural services, forestry, fishing, other	6,407	442	586	3,739	785	855	D
Mining	1,189	41	93	734	243	78	D
Construction	75,155	7,284	6,508	43,015	5,138	10,995	2,215
Manufacturing	37,437	3,218	3,760	19,560	2,004	8,512	383
Transport & public utilities	57,642	5,882	21,393	23,453	3,263	3,180	471
Wholesale trade	36,193	3,998	8,070	20,731	1,608	1,457	329
Retail trade	147,432	18,337	16,477	83,199	5,991	20,250	3,178
Finance, ins, real estate	82,287	10,217	11,790	52,366	2,468	4,885	561
Services	313,497	40,160	67,172	172,468	11,944	18,949	2,804
Government	206,843	24,321	69,471	83,454	6,261	20,955	2,381
Federal, civilian	91,032	13,139	39,572	33,527	1,582	3,148	64
Military	45,752	4,434	22,293	10,616	396	7,722	291
State & local	70,059	6,748	7,606	39,311	4,283	10,085	2,026

TABLE B.5 (continued)
Employment by Industry and by Location in the Richmond-Petersburg MSA, 1988

	Metropolitan Statistical Area	Charles City	Chesterfield	Dinwiddie/ Colonial Heights/ Petersburg	Goochland	Hanover	Henrico	New Kent	Powhatan	Prince George/ Hopewell	Richmond City
Total employment	554,626	1,104	80,656	33,887	4,075	32,813	118,639	2,875	3,958	26,595	250,024
By type											
Wage & salary	496,926	886	70,416	30,020	3,031	27,382	113,696	1,880	3,057	24,728	221,830
Proprietors	57,700	218	10,240	3,867	1,044	5,431	4,943	995	901	1,867	28,194
Farm	2,319	62	231	496	271	617	161	85	214	182	0
Nonfarm	55,381	156	10,009	3,371	773	4,814	4,782	910	687	1,685	28,194
By industry											
Farm	3,183	109	278	721	356	817	203	108	352	239	0
Agricultural services, forestry, fishing, other	2,101	11	695	D	D	D	872	78	D	40	405
Mining	649	D	204	D	D	D	235	0	D	0	210
Construction	40,552	74	8,322	2,092	567	5,349	9,285	313	629	1,990	11,931
Manufacturing	65,124	98	11,835	3,225	144	3,426	12,378	249	201	2,978	30,590
Transport & public utilities	26,754	86	4,033	1,005	110	1,028	5,797	70	154	309	14,162
Wholesale trade	30,391	L	2,302	1,172	112	4,030	8,738	51	57	201	13,728
Retail trade	91,360	138	15,741	7,430	515	5,413	27,325	370	437	3,014	30,977
Finance, ins, real estate	52,785	D	4,328	1,748	189	1,438	13,893	60	150	659	30,320
Services	135,036	218	16,959	7,256	830	8,003	29,070	1,083	551	3,352	67,714
Government	105,536	338	15,959	8,892	920	2,925	10,843	493	1,366	13,813	49,987
Federal, civilian	17,408	19	4,009	294	30	120	492	28	26	5,181	7,209
Military	11,578	41	1,034	491	78	329	1,211	63	84	6,284	1,963
State & local	76,550	278	10,916	8,107	812	2,476	9,140	402	1,256	2,348	40,815

TABLE B.5 (continued)
Employment by Industry and by Location in the Roanoke MSA, 1988

	Metropolitan Statistical Area	Botetourt	Roanoke City	Roanoke County/ Salem
Total employment	147,192	7,436	86,647	53,109
By type				
Wage & salary	129,173	5,399	75,274	48,500
Proprietors	18,019	2,037	11,373	4,609
Farm	874	573	0	301
Nonfarm	17,145	1,464	11,373	4,308
By industry				
Farm	1,120	745	0	375
Agricultural services, forestry, fishing, other	809	85	342	382
Mining	173	L	92	81
Construction	10,612	677	5,954	3,981
Manufacturing	20,074	1,186	9,635	9,253
Transport & public utilities	9,422	637	6,874	1,911
Wholesale trade	10,026	287	6,111	3,628
Retail trade	27,704	1,102	17,473	9,129
Finance, ins, real estate	11,761	274	7,679	3,808
Services	38,794	1,446	24,776	12,572
Government	16,693	993	7,711	7,989
Federal, civilian	3,418	61	1,521	1,836
Military	1,448	152	669	627
State & local	11,827	780	5,521	5,526

Notes: Numbers may not sum to totals due to conventions designed to maintain confidentiality. Industries that contain a small number of firms may be reported as a 'D.' If that occurs in a particular locality, another industry within the locality is reported in the same way to prevent disclosure of confidential employment information. An industry with fewer than ten employees is reported as an 'L.' Both 'D' and 'L' codes are treated as zeros in summing to get the MSA total for each industry.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, unpublished data, Regional Economic Information System, 1990.

TABLE B.6
Tourism-Related Expenditures and Employment in the Metropolitan
Statistical Areas, 1988

Location	Total Travel Expenditures (000s)	Travel- Generated Payroll (000s)	Travel- Generated Jobs	State Tax Receipts (000s)	Local Tax Receipts (000s)
Virginia	\$5,748,189	\$1,234,182	135,883	\$231,643	\$111,383
Bristol	43,890	8,749	979	1,652	627
Bristol City	17,127	3,596	422	737	322
Scott County	5,566	971	97	155	39
Washington County	21,197	4,182	460	760	266
Charlottesville	95,530	19,785	2,298	3,922	2,163
Albemarle County	37,007	7,890	917	1,563	735
Charlottesville City	54,593	11,320	1,335	2,301	1,405
Fluvanna County	1,815	264	21	28	11
Greene County	2,115	311	25	30	12
Danville	26,192	4,972	543	931	211
Danville City	20,753	4,239	490	872	184
Pittsylvania County	5,439	733	53	59	27
Lynchburg	78,633	16,966	1,651	2,777	1,809
Amherst County	5,425	1,018	110	181	48
Campbell County	5,579	842	71	110	40
Lynchburg City	67,629	15,106	1,470	2,486	1,721
Norfolk-Virginia Beach- Newport News	1,543,193	336,494	38,735	66,468	41,250
Chesapeake City	35,289	7,458	861	1,501	1,034
Gloucester County	4,428	734	71	108	36
Hampton City	94,731	20,347	2,401	4,144	2,828
James City County	162,932	35,973	4,271	7,369	2,505
Newport News City	51,406	10,898	1,056	1,822	1,105
Norfolk City	228,877	50,716	5,235	8,834	6,729
Poquoson City	158	19	1	2	1
Portsmouth City	28,784	5,922	684	1,193	1,169
Suffolk City	13,257	2,669	305	523	427
Virginia Beach City	451,549	97,713	11,494	19,607	18,152
Williamsburg City	383,296	84,507	10,037	17,357	5,902
York County	88,486	19,538	2,319	4,008	1,362

TABLE B.6 (continued)
Tourism-Related Expenditures and Employment in the Metropolitan
Statistical Areas, 1988

Location	Total Travel Expenditures (000s)	Travel- Generated Payroll (000s)	Travel- Generated Jobs	State Tax Receipts (000s)	Local Tax Receipts (000s)
Northern Virginia	\$2,149,611	\$476,896	50,319	\$86,118	\$38,495
Alexandria City	310,806	69,391	7,236	12,283	8,086
Arlington County	1,005,926	227,146	23,375	39,744	19,583
Fairfax City	47,656	9,056	1,034	1,977	680
Fairfax County	543,202	117,778	13,397	23,081	6,832
Falls Church City	2,846	363	30	78	30
Loudoun County	117,950	27,207	2,256	3,751	1,457
Manassas City	21,439	4,631	490	848	339
Manassas Park City	57	4	0	2	1
Prince William County	71,061	15,109	1,772	3,101	1,058
Stafford County	28,668	6,211	729	1,253	429
Richmond-Petersburg	533,240	114,103	13,120	22,662	9,897
Charles City County	824	105	6	4	3
Chesterfield County	69,600	15,018	1,766	3,074	899
Colonial Heights City	1,668	303	34	64	38
Dinwiddie County	2,579	466	47	77	21
Goochland County	1,179	183	17	24	9
Hanover County	39,643	8,389	976	1,674	492
Henrico County	196,537	43,142	4,937	8,557	2,944
Hopewell City	2,398	438	46	88	48
New Kent County	2,261	412	43	71	23
Petersburg City	42,707	9,158	1,075	1,864	1,554
Powhatan County	1,375	210	18	24	9
Prince George County	25,060	5,438	638	1,094	319
Richmond City	147,409	30,841	3,517	6,047	3,538
Roanoke	190,242	41,455	4,615	7,959	3,306
Botetourt County	14,312	3,030	351	606	178
Roanoke City	120,384	26,870	2,909	4,996	2,357
Roanoke County	43,956	9,163	1,078	1,852	632
Salem City	11,590	2,392	277	505	139

Note: 'Travel-generated' refers to direct expenditures of tourists on items such as food, lodging, and entertainment. These numbers are generated by a model used by the U.S. Travel Data Center, and they may not be directly comparable with other data in this report.

Source: Virginia Department of Tourism, *1988 Travel in Virginia: An Economic Report* (Richmond, 1989).

TABLE B.7

Announcements of New Plants and Expansions in the Metropolitan Statistical Areas, Number by Year, 1980-1989

Year	Total		Manufacturing				Nonmanufacturing			
	Number	Employees	Number		Employees		Number		Employees	
			New	Expansions	New	Expansions	New	Expansions	New	Expansions
Bristol										
1980	2	34	0	2	0	34	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0
1982	4	160	1	3	60	100	0	0	0	0
1983	2	75	0	2	0	75	0	0	0	0
1984	5	852	3	2	527	325	0	0	0	0
1985	4	279	3	1	150	129	0	0	0	0
1986	1	60	0	1	0	60	0	0	0	0
1987	3	550	2	1	350	200	0	0	0	0
1988	6	284	4	1	254	30	0	1	0	0
1989	1	400	1	0	400	0	0	0	0	0
Total	28	2,694	14	13	1,741	953	0	1	0	0
Charlottesville										
1980	1	100	0	1	0	100	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0
1983	4	830	0	4	0	830	0	0	0	0
1984	2	43	0	2	0	43	0	0	0	0
1985	1	10	0	0	0	0	1	0	10	0
1986	3	540	2	1	340	200	0	0	0	0
1987	1	10	0	0	0	0	0	1	0	10
1988	0	0	0	0	0	0	0	0	0	0
1989	2	7	0	2	0	7	0	0	0	0
Total	14	1,540	2	10	340	1,180	1	1	10	10

TABLE B.7 (continued)
Announcements of New Plants and Expansions in the Metropolitan Statistical Areas, Number by Year, 1980-1989

Year	Total		Manufacturing				Nonmanufacturing			
	Number	Employees	Number		Employees		Number		Employees	
			New	Expansions	New	Expansions	New	Expansions	New	Expansions
Danville										
1980	1	60	0	1	0	60	0	0	0	0
1981	1	175	0	1	0	175	0	0	0	0
1982	1	78	0	1	0	78	0	0	0	0
1983	1	20	0	1	0	20	0	0	0	0
1984	1	14	0	1	0	14	0	0	0	0
1985	1	30	0	1	0	30	0	0	0	0
1986	6	506	2	4	139	367	0	0	0	0
1987	7	320	2	5	235	85	0	0	0	0
1988	6	755	3	3	535	220	0	0	0	0
1989	12	582	5	4	225	230	2	1	27	100
Total	37	2,540	12	22	1,134	1,279	2	1	27	100
Lynchburg										
1980	7	695	2	5	450	245	0	0	0	0
1981	4	145	2	2	45	100	0	0	0	0
1982	4	40	0	4	0	40	0	0	0	0
1983	5	147	1	3	85	45	1	0	17	0
1984	8	245	1	7	100	145	0	0	0	0
1985	6	320	1	4	50	70	1	0	200	0
1986	8	143	1	6	50	93	0	1	0	0
1987	9	132	1	7	0	125	0	1	0	7
1988	7	472	1	4	300	45	1	1	27	100
1989	17	432	4	9	172	110	2	2	110	40
Total	75	2,771	14	51	1,252	1,018	5	5	354	147
Norfolk-Virginia Beach-Newport News										
1980	21	868	7	14	121	747	0	0	0	0
1981	34	1,088	10	24	284	804	0	0	0	0
1982	12	173	3	8	37	129	0	1	0	7
1983	25	1,384	6	13	465	319	3	3	140	460

TABLE B.7 (continued)

Announcements of New Plants and Expansions in the Metropolitan Statistical Areas, Number by Year, 1980-1989

Year	Total		Manufacturing				Nonmanufacturing			
	Number	Employees	Number		Employees		Number		Employees	
			New	Expansions	New	Expansions	New	Expansions	New	Expansions
1984	39	1,802	13	19	835	472	2	5	120	375
1985	65	5,036	15	36	1,343	1,859	8	6	1,566	268
1986	52	2,307	17	26	746	1,083	4	5	225	253
1987	50	3,385	12	25	651	849	7	6	1,660	225
1988	53	3,156	14	26	979	945	9	4	1,002	230
1989	51	2,599	7	24	154	443	9	11	1,599	403
Total	402	21,798	104	215	5,615	7,650	42	41	6,312	2,221
Northern Virginia										
1980	17	2,718	11	6	883	1,835	0	0	0	0
1981	22	1,739	12	10	216	1,523	0	0	0	0
1982	16	1,636	7	9	458	1,178	0	0	0	0
1983	30	2,641	6	16	243	423	4	4	1,450	525
1984	46	3,858	10	17	777	916	15	4	1,980	185
1985	55	5,524	7	2	207	130	36	10	4,368	819
1986	45	13,921	11	8	181	471	15	11	1,027	12,242
1987	32	4,495	0	2	0	1,040	21	9	1,479	1,976
1988	19	1,767	1	0	25	0	12	6	615	1,127
1989	26	2,533	3	3	26	100	9	11	582	1,825
Total	308	40,832	68	73	3,016	7,616	112	55	11,501	18,699
Richmond-Petersburg										
1980	15	690	8	6	273	387	0	0	0	0
1981	9	365	4	5	115	250	1	0	30	0
1982	22	591	9	8	207	104	0	0	0	0
1983	26	977	13	10	452	125	3	2	65	215
1984	23	1,786	7	11	172	293	1	2	400	0
1985	25	1,367	9	8	564	310	3	2	1,246	75
1986	30	1,716	15	9	759	222	4	4	155	338
1987	23	1,616	14	5	946	315	2	4	40	695

TABLE B.7 (continued)
Announcements of New Plants and Expansions in the Metropolitan Statistical Areas, Number by Year, 1980-1989

Year	Total		Manufacturing				Nonmanufacturing			
	Number	Employees	Number		Employees		Number		Employees	
			New	Expansions	New	Expansions	New	Expansions	New	Expansions
1988	17	1,144	15	2	1,044	100	4	0	355	0
1989	26	1,585	6	10	260	579	9	1	746	0
Total	216	11,837	100	74	4,792	2,685	27	15	3,037	1,323
Roanoke										
1980	2	90	2	0	90	0	0	0	0	0
1981	10	372	3	7	48	324	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0
1983	9	1,167	3	6	305	862	0	0	0	0
1984	7	254	0	6	0	154	0	1	0	100
1985	5	320	1	3	50	60	0	1	0	210
1986	10	498	0	5	0	115	3	2	213	170
1987	8	523	4	4	330	193	0	0	0	0
1988	14	1,446	1	9	10	386	3	1	950	100
1989	11	1,067	1	8	200	605	1	1	50	212
Total	76	5,737	15	48	1,033	2,699	7	6	1,213	792

Note: Announcements may not reflect actual levels since reporting is voluntary. This information is based on reported planned manufacturing and nonmanufacturing capital and employment expenditures. The primary focus of the data collection process is the manufacturing, rather than the nonmanufacturing, sector.

Source: Virginia Department of Economic Development, *Industrial Developments* (Richmond, annual editions 1980-1989).

TABLE B.8
Announcements of New Plants and Expansions in the Bristol MSA,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	28	100.0	2,694	100.0
Manufacturing	27	96.4	2,694	100.0
Food & kindred products	0	0.0	0	0.0
Tobacco products	0	0.0	0	0.0
Textile mill products	1	3.6	30	1.1
Apparel products	5	17.9	632	23.5
Lumber & wood products	3	10.7	355	13.2
Furniture & fixtures	0	0.0	0	0.0
Paper & allied products	0	0.0	0	0.0
Printing & publishing	0	0.0	0	0.0
Chemicals & allied products	0	0.0	0	0.0
Petroleum refining & related industries	0	0.0	0	0.0
Rubber & misc. plastic products	0	0.0	0	0.0
Leather & leather products	0	0.0	0	0.0
Stone, clay, glass, & concrete products	0	0.0	0	0.0
Primary metal industries	1	3.6	0	0.0
Fabricated metal products	3	10.7	99	3.7
Indust & commer mach & computer equip	7	25.0	789	29.3
Electronic & electric equip. & components	5	17.9	489	18.2
Transportation equipment	2	7.1	300	11.1
Measurement, analysis, & control instrumnts	0	0.0	0	0.0
Miscellaneous manufacturing	0	0.0	0	0.0
Nonmanufacturing	1	3.6	0	0.0
Agriculture, forestry, & fishing	0	0.0	0	0.0
Mining	0	0.0	0	0.0
Construction	0	0.0	0	0.0
Trans., communic., elec., gas, & sanit. serv.	0	0.0	0	0.0
Wholesale trade	0	0.0	0	0.0
Retail trade	0	0.0	0	0.0
Finance, insurance, & real estate	0	0.0	0	0.0
Services	1	3.6	0	0.0
Public administration	0	0.0	0	0.0
Nonclassifiable	0	0.0	0	0.0

TABLE B.8 (continued)
Announcements of New Plants and Expansions in the Charlottesville MSA,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	14	100.0	1,540	100.0
Manufacturing	12	85.7	1,520	98.7
Food & kindred products	3	21.4	270	17.5
Tobacco products	0	0.0	0	0.0
Textile mill products	1	7.1	100	6.5
Apparel products	0	0.0	0	0.0
Lumber & wood products	2	14.3	10	0.6
Furniture & fixtures	1	7.1	200	13.0
Paper & allied products	0	0.0	0	0.0
Printing & publishing	1	7.1	0	0.0
Chemicals & allied products	0	0.0	0	0.0
Petroleum refining & related industries	0	0.0	0	0.0
Rubber & misc. plastic products	0	0.0	0	0.0
Leather & leather products	0	0.0	0	0.0
Stone, clay, glass, & concrete products	0	0.0	0	0.0
Primary metal industries	0	0.0	0	0.0
Fabricated metal products	0	0.0	0	0.0
Indust & commer mach & computer equip	0	0.0	0	0.0
Electronic & electric equip. & components	4	28.6	940	61.0
Transportation equipment	0	0.0	0	0.0
Measurement, analysis, & control instrumnts	0	0.0	0	0.0
Miscellaneous manufacturing	0	0.0	0	0.0
Nonmanufacturing	2	14.3	20	1.3
Agriculture, forestry, & fishing	0	0.0	0	0.0
Mining	0	0.0	0	0.0
Construction	0	0.0	0	0.0
Trans., communic., elec., gas, & sanit. serv.	0	0.0	0	0.0
Wholesale trade	0	0.0	0	0.0
Retail trade	0	0.0	0	0.0
Finance, insurance, & real estate	0	0.0	0	0.0
Services	2	14.3	20	1.3
Public administration	0	0.0	0	0.0
Nonclassifiable	0	0.0	0	0.0

TABLE B.8 (continued)
Announcements of New Plants and Expansions in the Danville MSA,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	37	100.0	2,540	100.0
Manufacturing	34	91.9	2,413	95.0
Food & kindred products	1	2.7	150	5.9
Tobacco products	0	0.0	0	0.0
Textile mill products	6	16.2	720	28.3
Apparel products	5	13.5	700	27.6
Lumber & wood products	3	8.1	39	1.5
Furniture & fixtures	2	5.4	80	3.1
Paper & allied products	2	5.4	145	5.7
Printing & publishing	2	5.4	12	0.5
Chemicals & allied products	2	5.4	24	0.9
Petroleum refining & related industries	0	0.0	0	0.0
Rubber & misc. plastic products	3	8.1	110	4.3
Leather & leather products	1	2.7	225	8.9
Stone, clay, glass, & concrete products	2	5.4	70	2.8
Primary metal industries	0	0.0	0	0.0
Fabricated metal products	2	5.4	108	4.3
Indust & commer mach & computer equip	1	2.7	5	0.2
Electronic & electric equip. & components	1	2.7	0	0.0
Transportation equipment	0	0.0	0	0.0
Measurement, analysis, & control instrumnts	1	2.7	25	1.0
Miscellaneous manufacturing	0	0.0	0	0.0
Nonmanufacturing	3	8.1	127	5.0
Agriculture, forestry, & fishing	0	0.0	0	0.0
Mining	0	0.0	0	0.0
Construction	0	0.0	0	0.0
Trans., communic., elec., gas, & sanit. serv.	2	5.4	27	1.1
Wholesale trade	0	0.0	0	0.0
Retail trade	0	0.0	0	0.0
Finance, insurance, & real estate	1	2.7	100	3.9
Services	0	0.0	0	0.0
Public administration	0	0.0	0	0.0
Nonclassifiable	0	0.0	0	0.0

TABLE B.8 (continued)
Announcements of New Plants and Expansions in the Lynchburg MSA,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	75	100.0	2,771	100.0
Manufacturing	65	86.7	2,270	81.9
Food & kindred products	4	5.3	60	2.2
Tobacco products	0	0.0	0	0.0
Textile mill products	2	2.7	50	1.8
Apparel products	2	2.7	90	3.2
Lumber & wood products	3	4.0	380	13.7
Furniture & fixtures	1	1.3	50	1.8
Paper & allied products	2	2.7	107	3.9
Printing & publishing	5	6.7	50	1.8
Chemicals & allied products	6	8.0	145	5.2
Petroleum refining & related industries	0	0.0	0	0.0
Rubber & misc. plastic products	10	13.3	329	11.9
Leather & leather products	0	0.0	0	0.0
Stone, clay, glass, & concrete products	0	0.0	0	0.0
Primary metal industries	5	6.7	54	1.9
Fabricated metal products	5	6.7	118	4.3
Indust & commer mach & computer equip	11	14.7	284	10.2
Electronic & electric equip. & components	6	8.0	373	13.5
Transportation equipment	0	0.0	0	0.0
Measurement, analysis, & control instrumnts	2	2.7	150	5.4
Miscellaneous manufacturing	1	1.3	30	1.1
Nonmanufacturing	10	13.3	501	18.1
Agriculture, forestry, & fishing	0	0.0	0	0.0
Mining	0	0.0	0	0.0
Construction	0	0.0	0	0.0
Trans., communic., elec., gas, & sanit. serv.	4	5.3	289	10.4
Wholesale trade	1	1.3	45	1.6
Retail trade	2	2.7	140	5.1
Finance, insurance, & real estate	1	1.3	0	0.0
Services	1	1.3	27	1.0
Public administration	0	0.0	0	0.0
Nonclassifiable	1	1.3	0	0.0

TABLE B.8 (continued)
Announcements of New Plants and Expansions in the
Norfolk-Virginia Beach-Newport News MSA,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	402	100.0	21,798	100.0
Manufacturing	319	79.4	13,265	60.9
Food & kindred products	39	9.7	1,069	4.9
Tobacco products	0	0.0	0	0.0
Textile mill products	3	0.7	95	0.4
Apparel products	10	2.5	447	2.1
Lumber & wood products	13	3.2	162	0.7
Furniture & fixtures	7	1.7	151	0.7
Paper & allied products	7	1.7	263	1.2
Printing & publishing	7	1.7	132	0.6
Chemicals & allied products	22	5.5	549	2.5
Petroleum refining & related industries	3	0.7	65	0.3
Rubber & misc. plastic products	19	4.7	824	3.8
Leather & leather products	1	0.2	0	0.0
Stone, clay, glass, & concrete products	19	4.7	336	1.5
Primary metal industries	7	1.7	748	3.4
Fabricated metal products	24	6.0	528	2.4
Indust & commer mach & computer equip	54	13.4	2,822	12.9
Electronic & electric equip. & components	14	3.5	1,083	5.0
Transportation equipment	40	10.0	2,920	13.4
Measurement, analysis, & control instrumnts	14	3.5	664	3.0
Miscellaneous manufacturing	16	4.0	407	1.9
Nonmanufacturing	83	20.6	8,533	39.1
Agriculture, forestry, & fishing	0	0.0	0	0.0
Mining	0	0.0	0	0.0
Construction	2	0.5	60	0.3
Trans., communic., elec., gas, & sanit. serv.	31	7.7	3,441	15.8
Wholesale trade	9	2.2	347	1.6
Retail trade	3	0.7	670	3.1
Finance, insurance, & real estate	3	0.7	1,400	6.4
Services	30	7.5	2,345	10.8
Public administration	1	0.2	30	0.1
Nonclassifiable	4	1.0	240	1.1

TABLE B.8 (continued)
Announcements of New Plants and Expansions in the
Northern Virginia MSA,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	308	100.0	40,832	100.0
Manufacturing	143	46.4	10,732	26.3
Food & kindred products	2	0.6	256	0.6
Tobacco products	0	0.0	0	0.0
Textile mill products	1	0.3	35	0.1
Apparel products	2	0.6	150	0.4
Lumber & wood products	11	3.6	572	1.4
Furniture & fixtures	3	1.0	129	0.3
Paper & allied products	1	0.3	5	0.0
Printing & publishing	20	6.5	1,065	2.6
Chemicals & allied products	2	0.6	60	0.1
Petroleum refining & related industries	2	0.6	1,055	2.6
Rubber & misc. plastic products	4	1.3	98	0.2
Leather & leather products	0	0.0	0	0.0
Stone, clay, glass, & concrete products	9	2.9	365	0.9
Primary metal industries	1	0.3	6	0.0
Fabricated metal products	13	4.2	267	0.7
Indust & commer mach & computer equip	17	5.5	1,296	3.2
Electronic & electric equip. & components	37	12.0	4,513*	11.1
Transportation equipment	9	2.9	464	1.1
Measurement, analysis, & control instrumnts	8	2.6	393	1.0
Miscellaneous manufacturing	1	0.3	3	0.0
Nonmanufacturing	165	53.6	30,100	73.7
Agriculture, forestry, & fishing	0	0.0	0	0.0
Mining	0	0.0	0	0.0
Construction	2	0.6	35	0.1
Trans., communic., elec., gas, & sanit. serv.	18	5.8	4,385	10.7
Wholesale trade	1	0.3	50	0.1
Retail trade	2	0.6	430	1.1
Finance, insurance, & real estate	9	2.9	1,746	4.3
Services	129	41.9	22,919	56.1
Public administration	1	0.3	400	1.0
Nonclassifiable	3	1.0	135	0.3

TABLE B.8 (continued)
Announcements of New Plants and Expansions in the
Richmond-Petersburg MSA,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	216	100.0	11,837	100.0
Manufacturing	174	80.6	7,477	63.2
Food & kindred products	9	4.2	422	3.6
Tobacco products	6	2.8	647	5.5
Textile mill products	6	2.8	210	1.8
Apparel products	8	3.7	354	3.0
Lumber & wood products	6	2.8	220	1.9
Furniture & fixtures	5	2.3	225	1.9
Paper & allied products	7	3.2	54	0.5
Printing & publishing	11	5.1	355	3.0
Chemicals & allied products	28	13.0	699	5.9
Petroleum refining & related industries	2	0.9	25	0.2
Rubber & misc. plastic products	11	5.1	786	6.6
Leather & leather products	1	0.5	70	0.6
Stone, clay, glass, & concrete products	10	4.6	338	2.9
Primary metal industries	6	2.8	110	0.9
Fabricated metal products	14	6.5	448	3.8
Indust & commer mach & computer equip	19	8.8	474	4.0
Electronic & electric equip. & components	9	4.2	840	7.1
Transportation equipment	5	2.3	580	4.9
Measurement, analysis, & control instrumnts	5	2.3	172	1.5
Miscellaneous manufacturing	6	2.8	448	3.8
Nonmanufacturing	42	19.4	4,360	36.8
Agriculture, forestry, & fishing	0	0.0	0	0.0
Mining	1	0.5	30	0.3
Construction	1	0.5	25	0.2
Trans., communic., elec., gas, & sanit. serv.	20	9.3	2,221	18.8
Wholesale trade	5	2.3	440	3.7
Retail trade	3	1.4	1,038	8.8
Finance, insurance, & real estate	2	0.9	35	0.3
Services	9	4.2	571	4.8
Public administration	0	0.0	0	0.0
Nonclassifiable	1	0.5	0	0.0

TABLE B.8 (continued)
Announcements of New Plants and Expansions in the Roanoke MSA,
Number By Industry and Related Employment, 1980-1989

Industry	Number	Percent of Total	Employment	Percent of Total
Total	77	100.0	5,737	100.0
Manufacturing	65	84.4	3,782	65.9
Food & kindred products	4	5.2	118	2.1
Tobacco products	0	0.0	0	0.0
Textile mill products	4	5.2	500	8.7
Apparel products	3	3.9	95	1.7
Lumber & wood products	4	5.2	173	3.0
Furniture & fixtures	2	2.6	55	1.0
Paper & allied products	3	3.9	205	3.6
Printing & publishing	6	7.8	238	4.1
Chemicals & allied products	1	1.3	22	0.4
Petroleum refining & related industries	0	0.0	0	0.0
Rubber & misc. plastic products	5	6.5	540	9.4
Leather & leather products	1	1.3	30	0.5
Stone, clay, glass, & concrete products	4	5.2	190	3.3
Primary metal industries	3	3.9	12	0.2
Fabricated metal products	4	5.2	160	2.8
Indust & commer mach & computer equip	8	10.4	654	11.4
Electronic & electric equip. & components	6	7.8	515	9.0
Transportation equipment	1	1.3	33	0.6
Measurement, analysis, & control instrumnts	4	5.2	86	1.5
Miscellaneous manufacturing	2	2.6	156	2.7
Nonmanufacturing	12	15.6	1,955	34.1
Agriculture, forestry, & fishing	0	0.0	0	0.0
Mining	0	0.0	0	0.0
Construction	0	0.0	0	0.0
Trans., communic., elec., gas, & sanit. serv.	6	7.8	625	10.9
Wholesale trade	0	0.0	0	0.0
Retail trade	3	3.9	950	16.6
Finance, insurance, & real estate	3	3.9	380	6.6
Services	0	0.0	0	0.0
Public administration	0	0.0	0	0.0
Nonclassifiable	0	0.0	0	0.0

Note: Announcements may not reflect actual levels since reporting is voluntary. This information is based on reported planned manufacturing and nonmanufacturing capital and employment expenditures. The primary focus of the data collection process is the manufacturing, rather than the nonmanufacturing, sector.

Source: Virginia Department of Economic Development, *Industrial Developments* (Richmond, annual editions 1980-1989).

TABLE B.9
Labor Force Participation Rates in the Metropolitan Statistical Areas, 1980

	Total	Female	Male
U.S.	62.0%	49.9%	75.1%
Virginia	64.1	52.4	76.7
Bristol	54.3	40.7	69.6
Bristol City	57.2	45.6	72.7
Scott County	46.4	31.0	63.1
Washington County	57.3	43.6	72.0
Charlottesville	62.1	55.6	69.0
Albemarle County	62.3	55.6	69.4
Charlottesville City	60.7	55.8	66.5
Fluvanna County	62.5	52.5	73.2
Greene County	67.2	59.2	75.1
Danville	61.9	51.8	73.5
Danville City	60.4	50.5	73.1
Pittsylvania County	62.9	52.8	73.9
Lynchburg	61.3	51.0	73.4
Amherst County	57.4	48.7	67.2
Campbell County	65.5	53.4	78.1
Lynchburg City	60.3	50.4	72.8
Norfolk-Virginia Beach- Newport News	65.6	50.9	80.2
Chesapeake City	63.5	50.3	77.6
Gloucester County	59.1	45.5	73.5
Hampton City	65.0	52.8	77.9
James City County	64.0	54.1	74.1
Newport News City	66.8	52.7	81.4
Norfolk City	65.4	46.8	81.2
Poquoson City	67.1	50.2	84.1
Portsmouth City	58.5	46.6	72.3
Suffolk City	59.0	47.6	71.9
Virginia Beach City	71.2	55.8	86.2
Williamsburg City	50.6	45.9	56.2
York County	70.7	55.9	84.7

TABLE B.9 (continued)
Labor Force Participation Rates in the Metropolitan Statistical Areas 1980

	Total	Female	Male
Northern Virginia MSA	73.0%	61.9%	84.8%
Alexandria City	74.5	66.5	83.9
Arlington County	72.0	64.2	80.7
Fairfax City	72.2	62.5	82.3
Fairfax County	73.2	61.7	85.1
Falls Church City	67.7	57.8	79.1
Loudoun County	70.3	57.0	84.4
Manassas City	72.0	57.6	87.5
Manassas Park City	72.2	62.3	82.3
Prince William County	75.3	60.5	89.8
Stafford County	68.7	51.9	84.0
Richmond-Petersburg MSA	65.0	55.0	76.3
Charles City County	67.2	58.3	76.2
Chesterfield County	71.0	57.7	85.1
Colonial Heights City	65.0	50.8	81.4
Dinwiddie County	55.4	47.8	63.0
Goochland County	58.3	45.9	70.8
Hanover County	66.9	54.9	79.4
Henrico County	69.2	59.1	81.1
Hopewell City	60.5	45.9	77.4
New Kent County	64.5	53.3	75.5
Petersburg City	60.4	50.9	71.9
Powhatan County	53.8	51.0	55.7
Prince George County	70.6	54.5	82.2
Richmond City	60.3	53.6	68.8
Roanoke MSA	61.2	50.0	74.3
Botetourt County	60.6	46.7	74.8
Roanoke City	58.8	48.6	71.6
Roanoke County	65.2	52.1	80.0
Salem City	60.0	52.6	68.2

Note: The definition of labor force for these statistics is the total labor force, including members of the armed forces. Participation rates are based on the total population over age sixteen.

Source: U.S. Department of Commerce, Bureau of the Census, *1980 Census of Population, General Social and Economic Characteristics*, Part 48 Virginia (Washington, D.C.: GPO, July 1983).

TABLE B.10
Unemployment Rates in the Metropolitan Statistical Areas,
1980-1989

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
	Percent									
U.S.	7.1	7.6	9.7	9.6	7.5	7.2	7.0	6.2	5.5	5.3
Virginia	5.0	6.1	7.7	6.1	5.0	5.6	5.0	4.2	3.9	3.9
Bristol	6.5	7.5	9.1	8.4	6.1	7.7	6.6	6.4	5.5	4.9
Bristol City	7.3	8.5	9.6	8.3	6.2	8.2	7.5	9.1	6.0	5.1
Scott County	5.4	7.0	8.7	8.4	5.5	7.9	6.8	5.8	5.2	5.5
Washington County	6.7	7.4	9.1	8.4	6.3	7.5	6.1	5.6	5.5	4.5
Charlottesville	3.7	4.5	5.5	3.9	4.4	5.1	3.9	2.9	2.7	2.6
Albemarle County	3.5	4.3	5.5	3.8	3.9	4.9	3.7	2.8	2.6	2.5
Charlottesville City	3.2	4.2	4.5	3.7	3.8	4.6	3.6	2.6	2.5	2.4
Fluvanna County	5.8	5.8	7.3	4.4	7.7	6.6	5.6	3.9	3.9	3.6
Greene County	5.7	6.5	9.0	5.2	6.0	6.8	4.7	4.1	3.6	2.9
Danville	6.4	8.4	11.6	8.8	8.4	10.7	9.5	6.7	6.7	6.5
Danville City	6.9	9.2	11.4	9.4	8.4	10.6	9.9	6.9	7.5	6.6
Pittsylvania County	6.1	7.8	11.8	8.5	8.4	10.8	9.3	6.6	6.1	6.4
Lynchburg	5.6	6.5	8.5	6.4	5.1	6.6	6.3	5.1	4.7	5.0
Amherst County	5.8	6.4	8.2	6.5	4.6	6.5	5.9	4.8	5.2	5.5
Campbell County	5.4	6.6	9.3	6.6	5.7	7.2	6.8	5.3	4.9	5.6
Lynchburg City	5.7	6.5	8.2	6.1	5.0	6.3	6.0	5.0	4.5	4.3
Norfolk- Virginia Beach- Newport News	5.4	6.3	7.0	5.5	4.5	5.1	4.9	4.7	4.4	4.6
Chesapeake City	5.8	6.6	8.2	6.2	4.4	5.1	4.8	4.3	4.1	4.1
Gloucester County	4.5	5.1	5.7	4.1	3.3	3.3	3.5	3.1	2.5	2.5
Hampton City	5.6	6.2	6.9	5.5	5.0	5.9	5.6	6.0	5.2	5.4
James City County	5.2	6.3	7.3	5.4	5.1	4.2	4.0	3.7	3.4	2.8
Newport News City	5.3	6.6	6.9	5.0	4.9	5.0	5.3	5.2	4.6	5.1
Norfolk City	5.5	6.3	7.1	5.5	4.4	5.7	4.9	5.3	5.2	5.3
Poquoson City	3.5	4.3	4.6	3.6	3.0	3.6	2.7	3.6	3.0	3.0
Portsmouth City	6.2	7.8	8.9	7.7	6.2	8.2	7.8	6.5	6.1	6.6
Suffolk City	8.4	9.4	10.3	8.4	7.3	8.0	7.0	6.3	5.8	6.5
Virginia Beach City	4.3	5.0	5.6	4.2	3.4	3.5	3.5	3.4	3.5	3.8
Williamsburg City	3.5	4.3	7.8	6.4	5.7	5.6	5.3	4.8	4.6	5.1
York County	4.8	5.9	4.8	3.7	3.3	3.2	3.0	3.0	2.8	2.9

TABLE B.10 (continued)
Unemployment Rates in the Metropolitan Statistical Areas,
1980-1989

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
	Percent									
Northern Virginia	2.8	3.6	4.5	3.3	2.9	2.8	2.5	2.0	1.8	1.8
Alexandria City	4.7	5.8	7.0	4.8	4.2	3.6	3.2	2.5	2.1	2.3
Arlington County	3.3	4.3	5.2	3.9	3.5	3.0	2.5	2.0	1.7	2.0
Fairfax City	2.2	3.0	4.1	4.2	4.2	3.5	2.7	1.8	1.6	1.7
Fairfax County	2.5	3.2	3.8	2.8	2.5	2.6	2.4	1.9	1.7	1.7
Falls Church City	2.7	3.8	6.7	6.9	5.0	3.8	3.2	1.8	1.7	1.8
Loudoun County	2.5	3.1	3.8	2.9	2.4	2.6	2.2	1.8	1.6	1.5
Manassas City	2.1	3.4	5.2	2.9	2.7	2.7	2.4	1.8	1.8	1.6
Manassas Park City	1.7	2.3	4.2	2.8	2.3	2.2	2.1	1.6	1.5	1.3
Prince William County	2.5	3.3	4.1	3.0	.5	2.7	2.4	2.1	2.0	1.9
Stafford County	4.6	6.1	7.6	4.1	2.8	3.1	2.7	2.5	2.2	2.0
Richmond-Petersburg	4.1	5.0	6.6	5.5	5.0	4.8	4.4	3.7	3.4	3.6
Charles City County	5.0	6.1	8.0	6.6	5.7	6.3	5.5	5.4	4.4	4.5
Chesterfield County	3.2	3.7	5.6	4.7	3.6	3.5	3.3	2.7	2.4	2.8
Colonial Heights City	4.7	6.3	8.6	5.8	4.4	5.1	5.0	3.8	3.1	3.1
Dinwiddie County	6.8	9.6	12.1	10.9	8.7	10.2	11.6	8.2	6.0	6.5
Goochland County	4.1	4.9	5.4	4.7	4.0	4.3	3.6	3.2	3.0	3.1
Hanover County	3.6	3.9	5.1	4.3	3.3	2.9	3.1	2.5	2.3	2.2
Henrico County	3.1	3.6	5.2	4.1	6.5	3.1	2.8	2.5	2.3	2.4
Hopewell City	6.8	8.5	11.9	9.0	6.0	9.7	7.4	6.3	5.2	6.2
New Kent County	3.4	3.7	6.1	4.6	3.2	3.9	3.3	2.6	2.4	3.0
Petersburg City	7.0	9.1	10.0	8.2	7.1	10.0	9.6	6.6	6.1	7.1
Powhatan County	3.6	4.6	5.9	5.0	3.8	4.3	3.7	4.0	3.1	2.9
Prince George County	4.0	5.2	7.2	6.6	4.5	8.5	6.4	7.3	5.9	6.5
Richmond City	4.6	5.9	7.2	6.1	5.4	5.7	5.3	4.8	4.6	5.0
Roanoke	4.9	6.4	7.7	6.2	4.6	4.9	4.8	4.1	4.0	3.7
Botetourt County	5.2	7.0	8.4	6.0	4.7	5.0	4.3	4.1	3.9	3.6
Roanoke City	5.5	7.2	8.7	7.0	5.1	5.9	5.9	5.0	4.8	4.5
Roanoke County	3.8	4.8	5.7	4.6	3.7	3.5	3.5	2.8	3.0	2.8
Salem City	5.1	6.8	8.5	7.5	4.9	5.5	4.7	4.6	4.2	3.3

Note: The definition of labor force used for this series is the total civilian labor force.

Source: U.S. Department of Labor, Bureau of Labor Statistics, *Historical Report on Labor Force and Unemployment* (Washington, D.C.: GPO, annual).

TABLE B.11
Personal Income in the Metropolitan Statistical Areas, 1980-1988

	Total (millions of dollars) and Average Annual Growth Rate, 1980-1988									1988 Per Capita	
	1980	1981	1982	1983	1984	1985	1986	1987	1988	Rate	
Virginia	\$52,754	\$59,343	\$63,837	\$69,313	\$76,453	\$82,524	\$89,592	\$97,866	\$106,263	9.0%	\$17,666
Bristol	642	715	758	796	862	913	967	1,022	1,105	6.7	12,319
Scott County	153	173	181	191	201	213	221	231	244	5.5	9,704
Washington/Bristol	489	541	577	605	661	700	746	791	861	7.0	13,334
Charlottesville	1,002	1,145	1,251	1,353	1,495	1,618	1,764	1,938	2,125	9.5	17,162
Albemarle/Charlottesville	877	1,006	1,102	1,187	1,311	1,421	1,541	1,696	1,859	9.5	18,102
Fluvanna County	70	78	83	92	104	111	127	138	151	10.2	12,493
Greene County	55	61	66	74	80	86	96	104	115	9.6	12,712
Danville	891	1,002	1,012	1,100	1,198	1,223	1,281	1,369	1,474	6.1	13,640
Pittsylvania/Danville	891	1,002	1,012	1,100	1,198	1,223	1,281	1,369	1,474	6.1	13,643
Lynchburg	1,137	1,254	1,320	1,425	1,553	1,623	1,718	1,850	1,995	7.0	13,713
Amherst County	187	202	213	233	254	264	286	305	327	7.2	11,210
Campbell/Lynchburg	949	1,052	1,107	1,192	1,299	1,359	1,432	1,545	1,668	7.0	14,343
Norfolk-Virginia Beach- Newport News	10,561	11,989	13,087	14,240	15,522	16,716	18,033	19,472	20,775	8.6	15,051
Chesapeake City/ Covington	1,026	1,155	1,251	1,383	1,542	1,672	1,880	2,077	2,225	10.3	15,055
Gloucester County	178	205	222	258	288	322	357	387	422	11.5	14,052
Hampton City	1,006	1,133	1,232	1,309	1,412	1,513	1,604	1,704	1,810	7.3	13,836
James City/Williamsburg	297	345	370	412	450	494	560	618	684	10.7	15,043

TABLE B.11 (continued)
Personal Income in the Metropolitan Statistical Areas, 1980-1988

	Total (millions of dollars) and Average Annual Growth Rate, 1980-1988										1988
	1980	1981	1982	1983	1984	1985	1986	1987	1988	Rate	Per Capita
Newport News City	\$1,281	\$1,468	\$1,582	\$1,712	\$1,829	\$1,985	\$2,107	\$2,245	\$2,379	7.7%	\$14,861
Norfolk City	2,340	2,632	2,871	3,004	3,250	3,389	3,536	3,729	3,928	6.3	13,709
Portsmouth City	895	992	1,056	1,130	1,194	1,241	1,302	1,367	1,443	5.8	13,415
Suffolk City	407	465	493	533	590	635	686	735	776	8.3	14,854
Virginia Beach City	2,707	3,107	3,498	3,901	4,321	4,745	5,202	5,731	6,152	10.7	16,844
York/Poquoson	423	485	512	598	646	720	799	879	956	10.7	17,528
Northern Virginia	15,917	18,054	19,741	21,734	24,307	26,876	29,556	32,864	36,228	10.7	25,356
Alexandria City	1,623	1,827	2,010	2,131	2,375	2,530	2,688	2,897	3,112	8.2	28,699
Arlington County	2,442	2,772	2,992	3,194	3,505	3,770	4,006	4,323	4,659	8.1	30,248
Fairfax County/City/ Falls Church	9,098	10,327	1,321	12,530	4,050	15,623	7,237	19,179	21,184	11.1	26,441
Loudoun County	675	750	816	935	1,071	1,241	1,416	1,621		13.6	23,410
Prince William/Manassas/ Manassas Park	1,708	1,956	2,128	409	2,688	3,008	3,423	3,911	4,395	12.4	19,219
Stafford County	370	421	473	535	618	704	786	933	1,066	14.1	18,048
Richmond-Petersburg	8,065	9,065	9,725	10,449	11,350	12,163	13,148	14,457	15,718	8.4	18,616
Charles City County	52	59	61	66	75	76	81	91	98	7.8	14,572
Chesterfield County	1,629	1,822	1,941	2,149	2,333	2,582	2,869	3,213	3,539	10.1	19,281
Dinwiddie/Colonial Heights/ Petersburg	647	729	772	813	868	900	944	993	1,087	6.0	13,261
Goochland County	120	134	145	157	184	208	227	260	286	11.7	20,537
Hanover County	543	607	651	706	783	855	950	1,068	1,170	10.0	19,413
Henrico County	2,090	2,377	2,573	2,776	3,035	3,323	3,608	4,032	4,462	9.6	21,378
New Kent County	84	94	102	114	128	137	153	172	190	10.6	16,589
Powhatan County	108	118	128	137	153	166	185	207	225	9.6	15,671
Prince George/Hopewell	354	402	422	443	470	487	508	544	590	5.9	11,791
Richmond City	2,438	2,723	2,930	3,088	3,321	3,429	3,623	3,877	4,071	6.3	19,087

TABLE B.11 (continued)
Personal Income in the Metropolitan Statistical Areas, 1980-1988

	Total (millions of dollars) and Average Annual Growth Rate, 1980-1988									1988 Per Capita	
	1980	1981	1982	1983	1984	1985	1986	1987	1988	Rate	
Roanoke	\$2,078	\$2,297	\$2,436	\$2,617	\$2,884	\$3,084	\$3,261	\$3,488	\$3,692	7.4%	\$16,671
Botetourt County	199	216	227	249	279	303	325	353	380	8.7	14,995
Roanoke City	934	1,033	1,098	1,164	1,289	1,345	1,413	1,503	1,562	6.6	15,993
Roanoke County/Salem	945	1,048	1,110	1,204	1,316	1,436	1,523	1,632	1,750	8.0	17,765

Note: Growth rates are based on the coefficients from the semi-log trend formula.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, unpublished data, Regional Economic Information System, 1990.

TABLE B.12
Distribution of Married Couple Tax Returns by Adjusted Gross Income Class in the Metropolitan Statistical Areas, 1988

	Number of Returns	Median AGI per Return	Adjusted Gross Income Class									
			Less than \$5,000	\$5,000-\$9,999	\$10,000-\$14,999	\$15,000-\$19,999	\$20,000-\$24,999	\$25,000-\$29,999	\$30,000-\$39,999	\$40,000-\$49,999	\$50,000-\$74,999	\$75,000 or more
			Percent									
Virginia	1,147,841	\$35,757	2.8	6.6	7.6	8.0	8.2	8.7	16.8	13.5	18.5	11.1
Bristol	17,817	24,950	3.8	9.7	12.2	12.7	12.0	11.1	17.4	10.2	8.4	3.0
Bristol City	3,692	26,286	4.1	9.4	11.1	11.9	11.2	9.9	17.5	12.0	9.2	4.0
Scott County	4,567	24,401	4.0	10.0	12.4	13.4	11.9	11.1	19.2	9.8	7.3	1.4
Washington County	9,558	24,789	3.6	9.6	12.5	12.7	12.4	11.4	16.4	9.7	8.6	3.5
Charlottesville	22,505	35,672	2.6	4.9	7.2	8.0	8.6	8.6	18.3	14.1	17.1	11.0
Albemarle County	11,801	39,131	2.4	4.0	6.0	7.2	7.9	7.5	16.9	14.4	20.1	14.2
Charlottesville City	6,202	33,350	2.9	6.4	8.7	8.5	8.9	9.2	17.1	12.8	15.6	10.3
Fluvanna County	2,369	30,900	2.6	6.0	9.2	9.9	9.5	11.2	21.6	14.4	12.2	3.8
Greene County	2,133	32,010	3.1	4.9	7.0	9.5	10.4	10.3	25.4	15.9	10.9	3.1
Danville	21,111	27,599	3.3	7.8	11.0	11.4	10.9	11.3	19.5	12.1	10.0	3.2
Danville City	9,351	27,908	3.3	8.1	11.3	11.3	10.3	10.2	17.7	12.0	11.5	4.8
Pittsylvania County	11,760	27,395	3.4	7.5	10.7	11.5	11.4	12.2	21.0	12.1	8.8	2.0
Lynchburg	27,142	31,226	2.7	6.2	9.2	9.4	9.8	10.6	20.2	13.8	13.6	5.1
Amherst County	5,691	30,747	2.6	6.0	8.9	9.5	10.0	11.6	22.3	14.1	12.8	2.7
Campbell County	10,113	31,006	2.7	5.9	8.9	9.1	10.4	11.2	21.0	14.5	13.4	3.4
Lynchburg City	11,339	31,748	2.8	6.5	9.5	9.5	9.2	9.5	18.4	13.0	14.1	7.9

TABLE B.12 (continued)
Distribution of Married Couple Tax Returns by Adjusted Gross Income Class in the Metropolitan Statistical Areas, 1988

	Number of Returns	Median AGI per Return	Adjusted Gross Income Class									
			Less than \$5,000	\$5,000–\$9,999	\$10,000–\$14,999	\$15,000–\$19,999	\$20,000–\$24,999	\$25,000–\$29,999	\$30,000–\$39,999	\$40,000–\$49,999	\$50,000–\$74,999	\$75,000 or more
			Percent									
Norfolk–Virginia Beach–Newport News	219,101	\$33,778	3.3	5.7	8.0	8.3	8.6	9.4	18.6	14.8	16.9	6.9
Chesapeake City	28,721	36,079	2.2	4.2	6.8	7.7	8.2	9.2	19.7	17.2	20.0	5.3
Gloucester County	6,352	31,893	3.0	7.1	8.4	8.2	9.3	10.5	20.2	14.4	14.5	4.9
Hampton City	22,152	33,090	3.3	5.9	8.0	8.1	8.6	10.1	20.8	15.8	15.9	4.1
James City County	6,828	40,501	2.0	3.8	5.2	6.3	7.3	8.8	16.1	14.8	21.6	14.5
Newport News City	26,021	33,230	3.4	5.8	8.2	8.1	8.3	10.2	19.6	15.1	16.3	5.6
Norfolk City	29,840	28,290	4.1	7.5	10.7	10.7	10.6	10.2	17.5	11.7	11.2	6.4
Poquoson City	2,427	40,533	2.1	3.6	6.1	5.2	6.2	8.9	17.5	16.5	25.4	9.1
Portsmouth City	16,622	29,669	2.8	5.8	10.0	10.5	11.2	10.8	20.0	13.8	12.2	3.5
Suffolk City	9,218	32,763	2.6	5.2	9.1	8.8	8.9	10.2	19.7	15.5	14.8	5.7
Virginia Beach City	61,685	35,721	4.0	5.9	7.2	7.4	7.6	8.3	17.4	14.9	18.8	9.0
Williamsburg City	1,586	35,946	2.8	6.9	7.6	7.1	7.6	9.3	15.1	11.7	16.1	16.2
York County	7,652	41,495	2.4	4.1	5.8	6.2	6.2	7.0	16.3	15.6	25.0	11.0
Northern Virginia	279,681	53,915	1.6	2.6	3.6	4.1	4.4	4.8	11.7	13.1	29.4	25.3
Alexandria City	20,248	47,305	2.2	3.9	5.2	5.9	5.9	6.2	12.5	11.7	22.1	24.8
Arlington County	25,891	50,333	1.7	3.5	4.9	5.5	5.7	5.8	11.7	11.2	24.2	26.2
Fairfax City	2,860	51,780	1.8	2.1	3.6	4.0	5.1	5.2	12.1	14.4	28.7	23.4
Fairfax County	150,370	59,536	1.4	2.1	2.9	3.3	3.6	4.0	9.8	11.6	30.4	31.2
Falls Church City	4,866	41,173	2.1	4.4	6.3	7.7	7.5	7.2	14.0	10.6	21.9	18.9
Loudoun County	17,890	50,484	1.4	2.2	3.6	3.8	4.3	4.9	12.9	16.6	33.3	17.4
Manassas City	6,263	46,828	1.8	2.6	3.8	3.8	4.9	5.8	16.1	17.0	32.0	12.7
Manassas Park City	1,085	37,536	1.4	2.8	4.1	6.1	7.7	8.6	26.1	24.6	17.5	1.6
Prince William County	38,576	47,714	1.8	2.9	3.7	4.2	4.6	5.5	14.5	17.2	32.7	13.5
Stafford County	11,636	42,260	1.9	3.5	5.1	5.4	6.2	7.0	17.4	17.2	27.1	9.8
Richmond–Petersburg	157,605	39,481	1.8	4.1	6.2	6.6	7.0	8.0	17.5	16.2	22.3	10.8
Charles City County	1,170	31,868	2.4	5.0	8.0	10.1	11.3	9.5	21.7	12.6	15.6	4.3
Chesterfield County	44,253	44,979	1.2	2.4	4.1	4.6	5.4	6.7	17.0	18.2	28.3	12.7
Colonial Heights City	3,790	36,103	2.1	4.8	7.4	7.8	7.5	9.5	18.4	16.2	21.0	5.8

196 **TABLE B.12 (continued)**
Distribution of Married Couple Tax Returns by Adjusted Gross Income Class in the Metropolitan Statistical Areas, 1988

	Number of Returns	Median AGI per Return	Adjusted Gross Income Class									
			Less than \$5,000	\$5,000-\$9,999	\$10,000-\$14,999	\$15,000-\$19,999	\$20,000-\$24,999	\$25,000-\$29,999	\$30,000-\$39,999	\$40,000-\$49,999	\$50,000-\$74,999	\$75,000 or more
			Percent									
Dinwiddie County	4,088	29,489	2.4	6.8	9.1	10.7	11.0	11.4	19.3	14.6	12.1	3.0
Goochland County	2,812	37,663	2.5	3.8	6.8	7.1	8.3	8.2	17.8	15.6	16.1	14.3
Hanover County	14,440	41,154	1.5	3.3	5.6	6.0	6.1	7.5	18.1	18.2	24.8	9.2
Henrico County	38,909	41,404	1.5	3.6	5.4	5.8	6.7	7.8	17.4	16.5	23.6	12.3
Hopewell City	4,344	31,395	2.2	5.9	8.6	9.6	9.7	11.2	21.5	14.6	14.4	2.7
New Kent County	2,437	38,949	1.7	4.4	5.8	7.0	6.3	8.8	18.4	16.9	23.9	7.4
Petersburg City	5,180	28,522	3.9	7.6	11.3	10.9	9.9	9.5	17.4	12.9	12.6	4.5
Powhatan County	2,968	36,348	1.8	5.0	7.1	6.7	7.8	9.5	19.7	17.5	17.8	7.7
Prince George County	4,211	36,033	3.2	5.7	7.2	6.7	7.4	8.5	19.1	17.1	19.8	5.7
Richmond City	29,006	34,207	2.6	6.1	8.6	8.8	8.4	8.9	16.5	12.8	16.1	11.8
Roanoke	45,347	33,008	2.6	5.9	8.3	8.6	9.1	9.9	19.5	14.1	15.7	6.7
Botetourt County	5,731	33,478	2.4	5.4	7.5	8.5	9.8	9.6	20.7	16.0	16.0	4.7
Roanoke County	17,704	37,216	1.9	4.5	6.7	6.8	7.6	8.8	19.5	16.1	20.3	8.3
Roanoke City	16,883	28,715	3.4	7.8	10.4	10.6	10.1	10.8	19.0	11.3	11.2	5.9
Salem City	5,030	32,299	2.4	5.4	7.8	8.8	9.7	11.5	20.3	14.3	14.5	5.8

Source: Robert W. Cox and Gerard W. Ward, 1988 *Virginia AGI: Distribution of Virginia Adjusted Gross Income by Income Class and Locality* (Charlottesville, Virginia: Center for Public Service, University of Virginia, 1990)

TABLE B.13
Average Weekly Wages and Employment in the Metropolitan Statistical
Areas, Third Quarter 1989

	Average Weekly Employment		Average Weekly Wages	
	Number	Percent of PD	Wage	Percent of State
Virginia	2,748,984		\$410	100.0
Bristol	31,386	100.0	331	80.7
Bristol City	12,562	40.0	321	78.3
Scott County	3,767	12.0	298	72.7
Washington County	15,057	48.0	347	84.7
Charlottesville	67,214	100.0	372	90.7
Albemarle County	33,014	49.1	400	97.6
Charlottesville City	30,758	45.8	347	84.7
Fluvanna County	2,133	3.2	338	82.5
Greene County	1,309	1.9	297	72.5
Danville	41,499	100.0	346	84.5
Danville City	26,291	63.4	327	79.8
Pittsylvania County	15,208	36.6	380	92.7
Lynchburg	73,544	100.0	365	89.1
Amherst County	9,165	12.5	339	82.7
Campbell County	19,163	26.1	388	94.7
Lynchburg City	45,216	61.5	361	88.1
Norfolk-Virginia Beach				
Newport News	568,993	100.0	368	89.9
Chesapeake City	41,294	7.3	349	85.2
Gloucester County	6,171	1.1	289	70.5
Hampton City	57,501	10.1	369	90.0
James City County	15,286	2.7	337	82.2
Newport News City	81,634	14.3	393	95.9
Norfolk City	154,063	27.1	397	96.9
Poquoson City	1,149	0.2	281	68.6
Portsmouth City	46,198	8.1	427	104.2
Suffolk City	15,998	2.8	336	82.0
Virginia Beach City	118,988	20.9	320	78.1
Williamsburg City	18,200	3.2	310	75.6
York County	12,511	2.2	367	89.6

TABLE B.13 (continued)
Average Weekly Wages and Employment in the Metropolitan Statistical
Areas, Third Quarter 1989

	Average Weekly Employment		Average Weekly Wages	
	Number	Percent of PD	Wage	Percent of State
Northern Virginia	775,127	100.0	\$514	125.4
Alexandria City	85,156	11.0	499	121.8
Arlington County	154,329	19.9	603	147.1
Fairfax City	21,525	2.8	526	128.4
Fairfax County	374,877	48.4	510	124.4
Falls Church City	19,291	2.5	477	116.4
Loudoun County	35,285	4.6	470	114.7
Manassas City	19,825	2.6	493	120.3
Manassas Park City	1,119	0.1	397	96.9
Prince William County	52,740	6.8	386	94.2
Stafford County	10,980	1.4	358	87.4
Richmond-Petersburg	465,975	100.0	421	102.6
Charles City County	792	0.2	306	74.7
Chesterfield County	70,716	15.2	420	102.5
Colonial Heights City	5,791	1.2	255	62.2
Dinwiddie County	5,189	1.1	356	86.9
Goochland County	2,778	0.6	355	86.6
Hanover County	28,562	6.1	353	86.1
Henrico County	113,240	24.3	415	101.3
Hopewell City	8,152	1.7	465	113.5
New Kent County	1,612	0.3	323	78.8
Petersburg City	16,910	3.6	317	77.4
Powhatan County	2,858	0.6	345	84.2
Prince George County	10,108	2.2	367	89.6
Richmond City	199,267	42.8	453	110.5
Roanoke	120,926	100.0	363	88.6
Botetourt County	4,602	3.8	318	77.6
Roanoke City	71,117	58.8	353	86.1
Roanoke County	25,452	21.0	367	89.6
Salem City	19,755	16.3	405	98.8

Note: The reported employment is from VEC-covered wages and employment series and differs from BEA employment. Railroad employment, government workers who are elected officials, military, self-employed persons, agriculture employment, insurance and real estate agents, newspaper carriers, and aliens are among those not included in this series.

Source: Virginia Employment Commission, *Covered Employment and Wages in Virginia by 2-digit SIC Industry, Third Quarter 1989* (Richmond, 1990).

TABLE B.14
Taxable Sales in the Metropolitan Statistical Areas, 1989

Location	Taxable Sales		Per Capita
	(000s)	Percent of PD	
Virginia	\$40,589,786		\$6,748
Bristol	480,768	100.0	5,360
Bristol City	217,789	45.3	12,304
Scott County	74,474	15.5	2,967
Washington County	188,506	39.2	4,011
Charlottesville	948,363	100.0	7,491
Albemarle County	418,430	44.1	6,621
Charlottesville City	490,074	51.7	11,641
Fluvanna County	18,682	2.0	1,544
Greene County	21,177	2.2	2,327
Danville	510,820	100.0	4,682
Danville City	424,785	83.2	7,910
Pittsylvania County	86,035	16.8	1,553
Lynchburg	974,614	100.0	6,689
Amherst County	116,213	11.9	4,021
Campbell County	197,724	20.3	4,216
Lynchburg City	660,677	67.8	9,452
Norfolk-Virginia Beach-Newport News	8,364,952	100.0	6,026
Chesapeake City	826,647	9.9	5,620
Gloucester County	117,404	1.4	3,837
Hampton City	914,725	10.9	7,053
James City County	316,328	3.8	9,644
Newport News City	811,226	9.7	4,983
Norfolk City	1,835,876	21.9	6,311
Poquoson City	23,768	0.3	2,161
Portsmouth City	479,950	5.7	4,343
Suffolk City	199,087	2.4	3,771
Virginia Beach City	2,321,352	27.8	6,372
Williamsburg City	272,447	3.3	21,971
York County	246,142	2.9	5,724

TABLE B.14 (continued)
Taxable Sales in the Metropolitan Statistical Areas, 1989

Location	Taxable Sales		Per Capita
	(000s)	Percent of PD	
Northern Virginia	\$12,261,940	100.0	\$8,681
Alexandria City	1,068,695	8.7	9,932
Arlington County	1,360,521	11.1	8,557
Fairfax City	471,147	3.8	23,440
Fairfax County	6,357,947	51.9	8,373
Falls Church City	195,141	1.6	19,321
Loudoun County	790,638	6.4	10,514
Manassas City	245,781	2.0	10,549
Manassas Park City	46,313	0.4	6,344
Prince William County	1,495,078	12.2	7,679
Stafford County	230,679	1.9	4,127
Richmond-Petersburg	6,731,695	100.0	7,995
Charles City County	7,674	0.1	1,163
Chesterfield County	1,359,277	20.2	7,265
Colonial Heights City	184,913	2.7	10,566
Dinwiddie County	45,271	0.7	2,146
Goochland County	50,759	0.8	3,760
Hanover County	489,845	7.3	8,302
Henrico County	2,294,232	34.1	11,180
Hopewell City	114,387	1.7	4,727
New Kent County	22,508	0.3	2,028
Petersburg City	303,889	4.5	7,394
Powhatan County	35,274	0.5	2,520
Prince George County	60,746	0.9	2,242
Richmond City	1,762,919	26.2	8,219
Roanoke	1,917,609	100.0	8,572
Botetourt County	68,740	3.6	2,717
Roanoke City	1,095,901	57.1	11,115
Roanoke County	449,557	23.4	5,954
Salem City	303,411	15.8	12,538

Note: The per capita figures are calculated by dividing taxable sales for 1989 by 1988 population.

Sources: Virginia Department of Taxation, *Taxable Sales in Virginia Counties and Cities, 1989* (Richmond, 1990); Julia H. Martin, *Estimates of the Population of Virginia Counties and Cities: 1987 and 1988* (Charlottesville, Virginia: Center for Public Service, University of Virginia, 1989).

TABLE B.15
Education Data for the Metropolitan Statistical Areas, 1988-1989 School Year

Location	Median Years of Schooling	Dropout Rate	Graduates Continuing Education	Grade 11 Tests of Achievement and Proficiency					
				Reading	Math	Written Expression	Sources of Information	Social Studies	Science
Virginia	12.4	4.8%	70.3%	57	56	61	58	61	62
Bristol	10.9	4.4	58.1	53	52	54	52	52	59
Bristol City	12.0	5.3	75.6	53	50	60	56	53	59
Scott County	9.3	4.0	50.9	48	50	53	49	50	55
Washington County	11.3	4.2	55.6	55	54	52	53	53	61
Charlottesville	12.7	4.8	69.4	60	58	62	59	63	66
Albemarle County	12.9	3.8	74.4	67	65	68	66	66	74
Charlottesville City	12.7	8.3	70.6	56	57	63	60	67	62
Fluvanna County	12.1	2.8	57.3	42	35	43	36	45	44
Greene County	11.9	3.9	51.1	48	46	48	49	57	57
Danville	11.0	6.2	54.5	44	42	53	46	52	52
Danville City	11.7	7.4	58.9	44	45	58	49	54	54
Pittsylvania County	10.4	5.3	51.5	44	40	50	44	50	50
Lynchburg	12.0	4.0	67.5	55	52	60	56	58	62
Amherst County	11.1	5.0	60.1	45	42	51	48	53	53
Campbell County	12.0	4.3	64.7	58	55	63	58	62	63
Lynchburg City	12.4	3.2	73.9	57	55	62	57	58	65

TABLE B.15 (continued)
Education Data for the Metropolitan Statistical Areas, 1988-1989 School Year

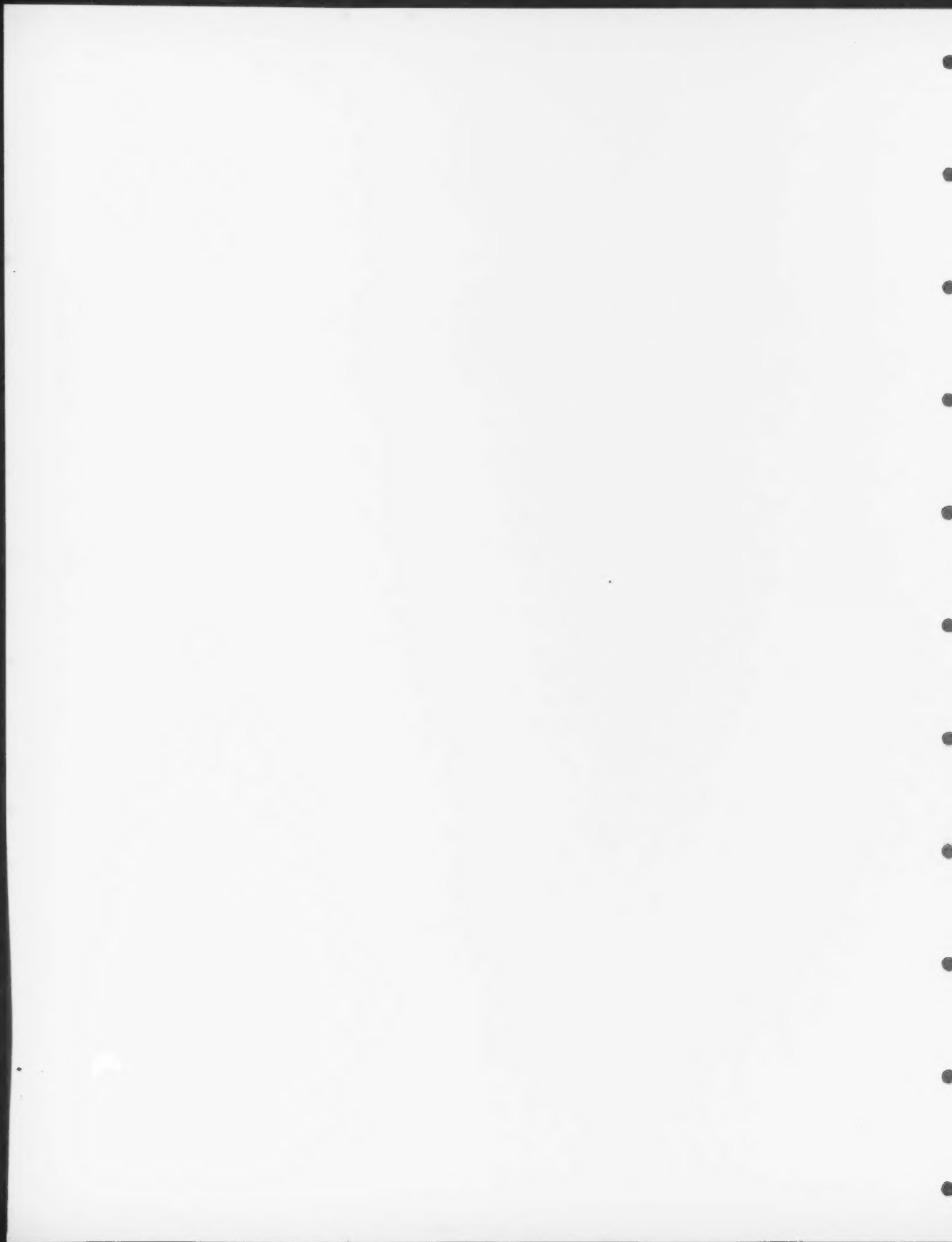
Location	Median Years of Schooling	Dropout Rate	Graduates Continuing Education	Grade 11 Tests of Achievement and Proficiency					
				Reading	Math	Written Expression	Sources of Information	Social Studies	Science
Norfolk-Virginia Beach- Newport News	12.5	5.7%	74.3%	53	52	60	56	57	60
Chesapeake City	12.3	4.1	70.8	48	43	54	49	52	55
Gloucester County	12.2	4.3	56.1	53	49	56	58	47	59
Hampton City	12.5	4.6	72.5	51	49	58	56	55	55
James City County	12.5	5.0	73.5	64	61	62	66	63	67
Newport News City	12.5	6.1	65.1	48	47	55	50	53	54
Norfolk City	12.4	7.2	75.5	51	55	62	56	60	60
Poquoson City	12.6	1.9	66.0	63	66	68	64	65	69
Portsmouth City	12.2	3.7	71.3	43	41	55	47	47	48
Suffolk City	11.6	5.4	57.7	42	40	53	47	45	46
Virginia Beach City	12.8	7.3	84.1	60	59	64	61	64	69
Williamsburg City	14.3	5.0	73.5	64	61	62	66	63	67
York County	12.8	1.5	83.1	61	63	67	65	65	70
Northern Virginia	14.2	3.1	83.1	67	69	71	69	71	72
Alexandria City	14.4	3.1	78.0	51	53	56	50	54	56
Arlington County	14.7	6.1	83.6	62	67	69	66	69	70
Fairfax City	13.7	2.6	88.9	70	74	72	73	74	75
Fairfax County	14.6	2.6	88.9	70	74	72	73	74	75
Falls Church City	15.0	1.2	88.0	66	67	62	68	70	69
Loudoun County	12.7	3.0	75.7	67	68	71	71	71	72
Manassas City	12.8	4.4	75.5	63	60	66	65	66	69
Manassas Park City	12.2	7.7	67.2	55	47	60	55	54	53
Prince William County	12.8	3.4	70.5	63	59	66	63	67	68
Stafford County	12.4	4.5	66.2	64	61	66	65	62	67
Richmond-Petersburg	12.4	6.0	68.7	56	55	63	57	59	61
Charles City County	11.0	7.8	49.4	43	34	50	43	46	41
Chesterfield County	12.7	3.4	74.9	64	65	67	65	66	69
Colonial Heights City	12.5	3.1	79.7	64	67	72	65	66	70
Dinwiddie County	10.8	4.7	57.8	35	35	44	37	42	41
Goochland County	11.6	6.6	56.0	51	45	60	51	60	54

TABLE B.15 (continued)
Education Data for the Metropolitan Statistical Areas, 1988-1989 School Year

Location	Median Years of Schooling	Dropout Rate	Graduates Continuing Education	Grade 11 Tests of Achievement and Proficiency					
				Reading	Math	Written Expression	Sources of Information	Social Studies	Science
Hanover County	12.3	4.1%	74.2%	59	55	61	60	59	67
Henrico County	12.6	4.6	71.4	58	57	67	59	60	63
Hopewell City	12.1	8.5	58.5	48	46	53	51	49	55
New Kent County	12.1	3.0	51.2	41	35	48	44	41	41
Petersburg City	12.0	13.1	66.7	39	36	49	39	47	39
Powhatan County	12.1	4.5	68.2	49	43	56	49	54	50
Prince George County	12.5	3.8	56.6	56	55	60	57	60	63
Richmond City	12.3	12.6	55.1	42	42	60	45	54	48
Roanoke	12.4	4.3	71.0	58	56	61	58	62	64
Botetourt County	12.2	3.5	69.2	57	48	57	58	60	60
Roanoke City	12.2	5.1	61.3	51	48	55	50	56	57
Roanoke County	12.6	3.6	75.6	63	61	63	62	66	69
Salem City	12.4	4.9	80.6	63	65	71	67	67	70

Note: The reported figures for the MSAs were derived from the separate localities by taking a weighted average of the counties and cities. The weights are the proportion of total students within each locality. 'Median years of schooling' is 1980 data referring to the population age 25 and over.

Sources: Virginia Department of Education, *Facing Up-23: Statistical Data on Virginia's Public Schools, 1987-88 School Year* (Richmond, 1989); U.S. Department of Commerce, Bureau of the Census, *1980 Census of Population, General Social and Economic Characteristics*, Part 48 Virginia (Washington D.C.: GPO, July 1983).



Appendix Tables

APPENDIX TABLE 1
Preliminary Population Counts in the Planning Districts, 1990 Census

	1980 Census	Preliminary 1990 Census	Absolute Change	Percentage Change
Virginia	5,346,818	6,127,680	780,862	14.6
1. LENOWISCO	99,644	90,735	-8,909	-8.9
Lee County	25,956	24,401	-1,555	-6.0
Norton City	4,757	4,214	-543	-11.4
Scott County	25,068	22,931	-2,137	-8.5
Wise County	43,863	39,189	-4,674	-10.7
2. Cumberland	140,067	122,678	-17,389	-12.4
Buchanan County	37,989	30,864	-7,125	-18.8
Dickenson County	19,806	17,531	-2,275	-11.5
Russell County	31,761	28,586	-3,175	-10.0
Tazewell County	50,511	45,697	-4,814	-9.5
3. Mount Rogers	181,139	176,805	-4,334	-2.4
Bland County	6,349	6,498	149	2.3
Bristol City	19,042	18,384	-658	-3.5
Carroll County	27,270	26,483	-787	-2.9
Galax City	6,524	6,630	106	1.6
Grayson County	16,579	16,122	-457	-2.8
Smyth County	33,366	32,084	-1,282	-3.8
Washington County	46,487	45,214	-1,273	-2.7
Wythe County	25,522	25,390	-132	-0.5
4. New River Valley	141,343	151,287	9,944	7.0
Floyd County	11,563	11,962	399	3.5
Giles County	17,810	16,249	-1,561	-8.8
Montgomery County	63,285	72,892	9,607	15.2
Pulaski County	35,229	34,333	-896	-2.5
Radford City	13,456	15,851	2,395	17.8

APPENDIX TABLE 1 (continued)
Preliminary Population Counts in the Planning Districts, 1990 Census

	1980 Census	Preliminary 1990 Census	Absolute Change	Percentage Change
5. Fifth	252,783	248,906	-3,877	-1.5
Alleghany County	14,333	13,128	-1,205	-8.4
Botetourt County	23,270	24,908	1,638	7.0
Clifton Forge City	5,046	4,664	-382	-7.6
Covington City	9,063	6,978	-2,085	-23.0
Craig County	3,948	4,359	411	10.4
Roanoke City	100,220	94,501	-5,719	-5.7
Roanoke County	72,945	78,236	5,291	7.3
Salem City	23,958	22,132	-1,826	-7.6
6. Central Shenandoah	208,344	221,062	12,718	6.1
Augusta County	47,572	54,383	6,811	14.3
Bath County	5,860	4,781	-1,079	-18.4
Buena Vista City	6,904	6,384	-520	-7.5
Harrisonburg City	24,655	28,078	3,423	13.9
Highland County	2,937	2,622	-315	-10.7
Lexington City	7,292	6,913	-379	-5.2
Rockbridge County	17,724	18,214	490	2.8
Rockingham County	52,054	56,829	4,775	9.2
Staunton City	24,777	24,366	-411	-1.7
Waynesboro City	18,563	18,492	-71	-0.4
7. Lord Fairfax	132,492	156,610	24,118	18.2
Clarke County	9,965	11,291	1,326	13.3
Frederick County	34,150	45,376	11,226	32.9
Page County	19,401	21,053	1,652	8.5
Shenandoah County	27,559	31,270	3,711	13.5
Warren County	21,200	25,940	4,740	22.4
Winchester City	20,217	21,680	1,463	7.2
8. Northern Virginia	1,105,714	1,462,435	356,721	32.3
Alexandria City	103,217	111,620	8,403	8.1
Arlington County	152,599	170,089	17,490	11.5
Fairfax City	20,537	19,740	-797	-3.9
Fairfax County	595,754	815,223	219,469	36.8
Falls Church City	9,515	9,538	23	0.2
Loudoun County	57,427	85,760	28,333	49.3
Manassas City	15,505	28,039	12,534	80.8
Manassas Park City	6,524	6,564	40	0.6
Prince William County	144,636	215,862	71,226	49.2
9. Rappahannock-Rapidan	92,897	115,176	22,279	24.0
Culpeper County	22,620	27,580	4,960	21.9
Fauquier County	35,889	48,425	12,536	34.9
Madison County	10,232	11,437	1,205	11.8
Orange County	18,063	21,171	3,108	17.2
Rappahannock County	6,093	6,563	470	7.7

APPENDIX TABLE 1 (continued)
Preliminary Population Counts in the Planning Districts, 1990 Census

	1980 Census	Preliminary 1990 Census	Absolute Change	Percentage Change
10. Thomas Jefferson	143,597	162,049	18,452	12.8
Albemarle County	55,783	66,718	10,935	19.6
Charlottesville City	39,916	39,898	-18	0.0
Fluvanna County	10,244	12,340	2,096	20.5
Greene County	7,625	10,202	2,577	33.8
Louisa County	17,825	20,214	2,389	13.4
Nelson County	12,204	12,677	473	3.9
11. Central Virginia	194,178	202,239	8,061	4.2
Amherst County	29,122	28,498	-624	-2.1
Appomattox County	11,971	12,210	239	2.0
Bedford City	5,991	6,046	55	0.9
Bedford County	34,927	45,349	10,422	29.8
Campbell County	45,424	47,454	2,030	4.5
Lynchburg City	66,743	62,682	-4,061	-6.1
12. West Piedmont	240,979	236,303	-4,676	-1.9
Danville City	56,305	52,128	-4,177	-7.4
Franklin County	35,740	38,930	3,190	8.9
Henry County	57,654	56,699	-955	-1.7
Martinsville City	18,149	16,034	-2,115	-11.7
Patrick County	17,647	17,393	-254	-1.4
Pittsylvania County	55,484	55,119	-365	-0.7
13. Southside	82,768	80,651	-2,117	-2.6
Brunswick County	15,632	15,697	65	0.4
Halifax County	30,599	28,859	-1,740	-5.7
Mecklenburg County	29,444	29,150	-294	-1.0
South Boston City	7,093	6,945	-148	-2.1
14. Piedmont	83,549	84,567	1,018	1.2
Amelia County	8,405	8,756	351	4.2
Buckingham County	11,751	12,803	1,052	9.0
Charlotte County	12,266	11,658	-608	-5.0
Cumberland County	7,881	7,773	-108	-1.4
Lunenburg County	12,124	11,385	739	-6.1
Nottoway County	14,666	14,951	285	1.9
Prince Edward County	16,456	17,241	785	4.8
15. Richmond Regional	632,015	733,111	101,096	16.0
Charles City County	6,692	6,197	-495	-7.4
Chesterfield County	141,372	206,782	65,410	46.3
Goochland County	11,761	14,105	2,344	19.9
Hanover County	50,398	62,214	11,816	23.4
Henrico County	180,735	216,979	36,244	20.1
New Kent County	8,781	10,431	1,650	18.8
Powhatan County	13,062	15,237	2,175	16.7
Richmond City	219,214	201,166	-18,048	-8.2

APPENDIX TABLE 1 (continued)
Preliminary Population Counts in the Planning Districts, 1990 Census

	1980 Census	Preliminary 1990 Census	Absolute Change	Percentage Change
16. RADCO	118,674	167,361	48,687	41.0
Caroline County	17,904	18,966	1,062	5.9
Fredericksburg City	17,762	18,736	974	5.5
King George County	10,543	13,485	2,942	27.9
Spotsylvania County	31,995	56,942	24,947	78.0
Stafford County	40,470	59,232	18,762	46.4
17. Northern Neck	40,950	44,117	3,167	7.7
Lancaster County	10,129	10,889	760	7.5
Northumberland County	9,878	10,511	633	6.9
Richmond County	6,952	7,269	317	4.6
Westmoreland County	14,041	15,448	1,407	10.0
18. Middle Peninsula	59,987	72,837	12,850	21.4
Essex County	8,864	8,661	-203	-2.3
Gloucester County	20,107	30,020	9,913	49.3
King and Queen County	5,968	6,287	319	5.3
King William County	9,334	10,893	1,559	16.7
Mathews County	7,995	8,342	347	4.3
Middlesex County	7,719	8,634	915	11.9
19. Crater	161,959	155,200	-6,759	-4.2
Colonial Heights City	16,509	16,016	-493	-3.0
Dinwiddie County	22,602	20,747	-1,855	-8.2
Emporia City	5,910	5,270	-640	-10.8
Greensville County	9,833	8,718	-1,115	-11.3
Hopewell City	23,397	23,036	-361	-1.5
Petersburg City	41,055	38,109	-2,946	-7.2
Prince George County	25,733	27,012	1,279	5.0
Surry County	6,046	6,097	51	0.8
Sussex County	10,874	10,195	-679	-6.2
20. Southeastern Virginia	843,504	972,743	129,239	15.3
Chesapeake City	114,486	150,437	35,951	31.4
Franklin City	7,723	7,849	126	1.6
Isle of Wight County	21,603	24,985	3,382	15.7
Norfolk City	266,979	229,718	-37,261	-14.0
Portsmouth City	104,577	102,507	-2,070	-2.0
Southampton County	18,316	17,492	-824	-4.5
Suffolk City	47,621	51,018	3,397	7.1
Virginia Beach City	262,199	388,737	126,538	48.3
21. Peninsula	344,342	398,637	54,295	15.8
Hampton City	122,617	132,470	9,853	8.0
James City County	22,339	34,650	12,311	55.1
Newport News City	144,903	168,118	23,215	16.0

APPENDIX TABLE 1 (continued)
Preliminary Population Counts in the Planning Districts, 1990 Census

	1980 Census	Preliminary 1990 Census	Absolute Change	Percentage Change
Poquoson City	8,726	10,980	2,254	25.8
Williamsburg City	10,294	11,105	811	7.9
York County	35,463	41,314	5,851	16.5
22. Accomack-Northampton	45,893	44,361	-1,532	-3.3
Accomack County	31,268	31,467	199	0.6
Northampton County	14,625	12,894	-1,731	-11.8
23. Hampton Roads	1,187,846	1,371,380	183,534	15.5
Chesapeake City	114,486	150,437	35,951	31.4
Franklin City	7,723	7,849	126	1.6
Hampton City	122,617	132,470	9,853	8.0
Isle of Wight County	21,603	24,985	3,382	15.7
James City County	22,339	34,650	12,311	55.1
Newport News City	144,903	168,118	23,215	16.0
Norfolk City	266,979	229,718	-37,261	-14.0
Poquoson City	8,726	10,980	2,254	25.8
Portsmouth City	104,577	102,507	-2,070	-2.0
Southampton County	18,316	17,492	-824	-4.5
Suffolk City	47,621	51,018	3,397	7.1
Virginia Beach City	262,199	388,737	126,538	48.3
Williamsburg City	10,294	11,105	811	7.9
York County	35,463	41,314	5,851	16.5

Note: Data for 1990 represent partial and preliminary results from the 1990 decennial census and are likely to change pending completion of the Postcensus Local Review Program and other census enumeration and coverage improvement activities. The 1990 counts for counties and cities do not sum to the state total because the counts do not include split blocks. Due to rounding, individual locality percentage changes may not sum to the total for the planning district. All data reflect current boundaries.

Source: U.S. Department of Commerce, Bureau of the Census, unpublished data from the Postcensus Local Review Program.

APPENDIX TABLE 2
Preliminary Population Counts in the Metropolitan Statistical Areas,
1990 Census

	1980 Census	Preliminary 1990 Census	Absolute Change	Percentage Change
Virginia	5,346,818	6,127,680	780,862	14.6
Total Metropolitan	3,745,442	4,412,117	666,675	17.8
Bristol	90,597	86,529	-4,068	-4.5
Bristol City	19,042	18,384	-658	-3.5
Scott County	25,068	22,931	-2,137	-8.5
Washington County	46,487	45,214	-1,273	-2.7
Charlottesville	113,568	126,600	13,032	11.5
Albemarle County	55,783	66,718	10,935	19.6
Charlottesville City	39,916	39,898	-18	0.0
Fluvanna County	10,244	12,340	2,096	20.5
Greene County	7,625	10,202	2,577	33.8
Danville	111,789	107,247	-4,542	-4.1
Danville City	56,305	52,128	-4,177	-7.4
Pittsylvania County	55,484	55,119	-365	-0.7
Lynchburg	141,289	138,634	-2,655	-1.9
Amherst County	29,122	28,498	-624	-2.1
Campbell County	45,424	47,454	2,030	4.5
Lynchburg City	66,743	62,682	-4,061	-6.1
Norfolk-Virginia Beach- Newport News	1,160,311	1,351,074	190,763	16.4
Chesapeake City	114,486	150,437	35,951	31.4
Gloucester County	20,107	30,020	9,913	49.3
Hampton City	122,617	132,470	9,853	8.0
James City County	22,339	34,650	12,311	55.1
Newport News City	144,903	168,118	23,215	16.0
Norfolk City	266,979	229,718	-37,261	-14.0
Poquoson City	8,726	10,980	2,254	25.8
Portsmouth City	104,577	102,507	-2,070	-2.0
Suffolk City	47,621	51,018	3,397	7.1
Virginia Beach City	262,199	388,737	126,538	48.3
Williamsburg City	10,294	11,105	811	7.9
York County	35,463	41,314	5,851	16.5

APPENDIX TABLE 1 (continued)
Preliminary Population Counts in the Metropolitan Statistical Areas,
1990 Census

	1980 Census	Preliminary 1990 Census	Absolute Change	Percentage Change
Northern Virginia	1,146,184	1,521,667	375,483	32.8
Alexandria City	103,217	111,620	8,403	8.1
Arlington County	152,599	170,089	17,490	11.5
Fairfax City	20,537	19,740	-797	-3.9
Fairfax County	595,754	815,223	219,469	36.8
Falls Church City	9,515	9,538	23	0.2
Loudoun County	57,427	85,760	28,333	49.3
Manassas City	15,505	28,039	12,534	80.8
Manassas Park City	6,524	6,564	40	0.6
Prince William County	144,636	215,862	71,226	49.2
Stafford County	40,470	59,232	18,762	46.4
Richmond-Petersburg	761,311	858,031	96,720	12.7
Charles City County	6,692	6,197	-495	-7.4
Chesterfield County	141,372	206,782	65,410	46.3
Colonial Heights City	16,509	16,016	-493	-3.0
Dinwiddie County	22,602	20,747	-1,855	-8.2
Goochland County	11,761	14,105	2,344	19.9
Hanover County	50,398	62,214	11,816	23.4
Henrico County	180,735	216,979	36,244	20.1
Hopewell City	23,397	23,036	-361	-1.5
New Kent County	8,781	10,431	1,650	18.8
Petersburg City	41,055	38,109	-2,946	-7.2
Powhatan County	13,062	15,237	2,175	16.7
Prince George County	25,733	27,012	1,279	5.0
Richmond City	219,214	201,166	-18,048	-8.2
Roanoke	220,393	219,777	-616	-0.3
Botetourt County	23,270	24,908	1,638	7.0
Roanoke City	100,220	94,501	-5,719	-5.7
Roanoke County	72,945	78,236	5,291	7.3
Salem City	23,958	22,132	-1,826	-7.6

Note: Data for 1990 represent partial and preliminary results from the 1990 decennial census and are likely to change pending completion of the Postcensus Local Review Program and other census enumeration and coverage improvement activities. All data reflect current boundaries.

Source: U.S. Department of Commerce, Bureau of the Census, unpublished data from the Postcensus Local Review Program.

The Planning Districts of Virginia

- | | |
|------------------------|--------------------------|
| 1 LENOWISCO | 12 West Piedmont |
| 2 Cumberland Plateau | 13 Southside |
| 3 Mount Rogers | 14 Piedmont |
| 4 New River Valley | 15 Richmond Regional |
| 5 Fifth | 16 RADCO |
| 6 Central Shenandoah | 17 Northern Neck |
| 7 Lord Fairfax | 18 Middle Peninsula |
| 8 Northern Virginia | 19 Crater |
| 9 Rappahannock-Rapidan | 20 Southeastern Virginia |
| 10 Thomas Jefferson | 21 Peninsula |
| 11 Central Virginia | 22 Accomack-Northampton |



The Metropolitan Statistical Areas of Virginia

- 1 Bristol
- 2 Charlottesville
- 3 Danville
- 4 Lynchburg
- 5 Norfolk-Va. Beach-
Newport News
- 6 Northern Virginia
- 7 Richmond - Petersburg
- 8 Roanoke

